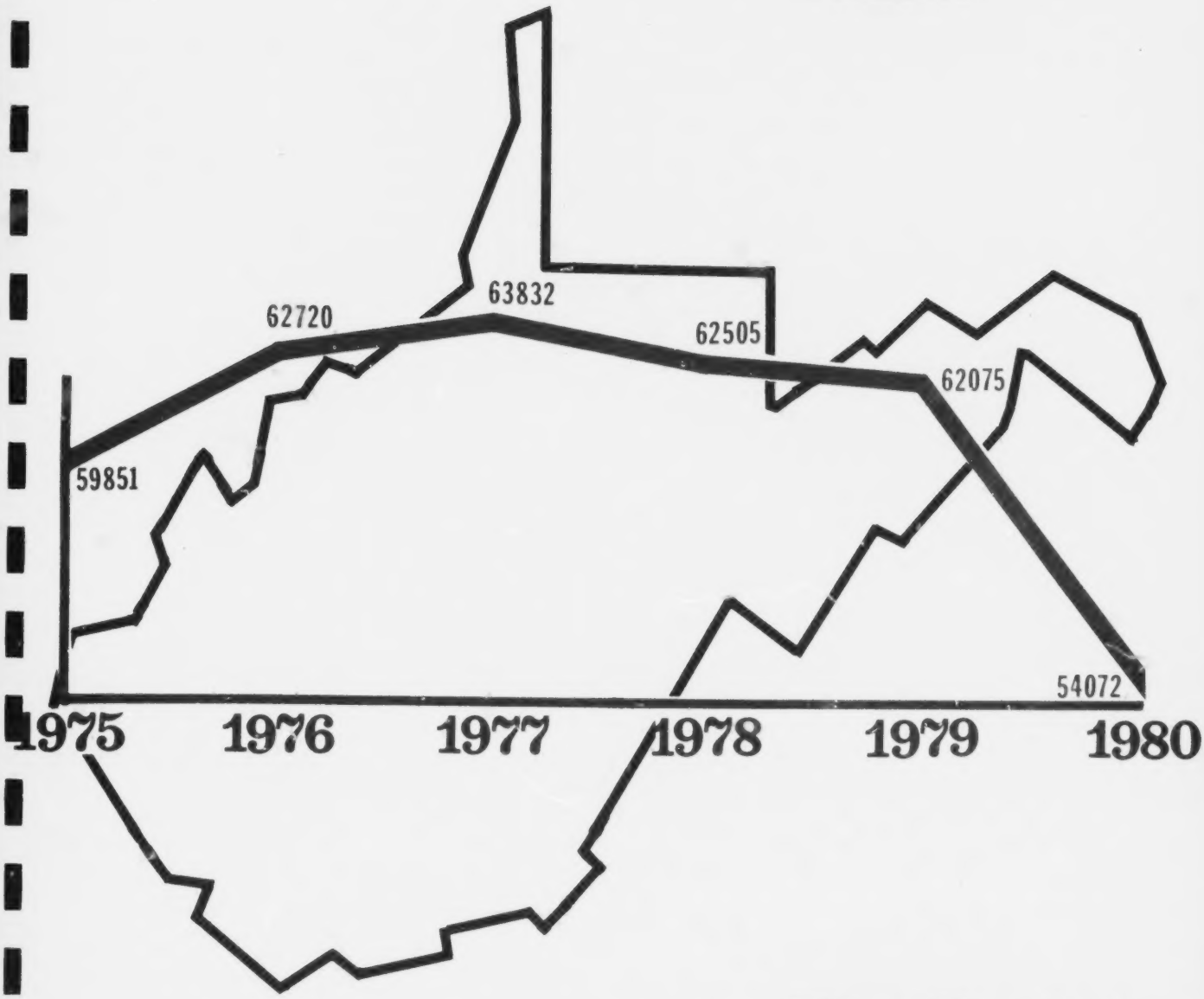
West Virginia Accident Data 1980



West Virginia Department of Highways

Charles L. Miller, Commissioner

WEST VIRGINIA DEPARTMENT OF HIGHWAYS

JOHN D. ROCKEFELLER IV
GOVERNOR

1900 Washington Street, East
Charleston, West Virginia
25305

CHARLES L. MILLER
COMMISSIONER

TO USERS OF HIGHWAY ACCIDENT DATA:

The West Virginia Accident Data 1980 Report, providing summarized findings and statistics of highway accidents, is for your information and circulation. The information contained herein was prepared by personnel of the West Virginia Department of Highways based on information extracted from accident reports submitted to the West Virginia Department of Motor Vehicles. The tabulations were prepared by our Department using the Traffic Records Information System (TRIS) computer processing of data.

The Department sincerely hopes that the publication of this material will be valuable in the identification and evaluation of problems associated with highway safety. However, this report is only intended as a listing of locations on the State Highway System which have concentrations of or abrupt changes in accidents. It is to be used as a basis for further study and is not to be construed as a listing of priorities or as a program of improvements.

Sincerely yours,

Charles L. Miller
Commissioner

CLM:Kka

EQUAL OPPORTUNITY EMPLOYER

TABLE OF CONTENTS

		PAGE
I	COMMISSIONER's EXPLANATORY NOTE	iii
II	TABLE OF CONTENTS	iv
III	GENERAL SUMMARY	1
	(a) 79-80 Comparison	2
	(b) Economic Loss By Counties	3-4
	(c) Accidents by Counties	5
	(d) Accident Type	6
	(e) Vehicle Type	6
	(f) Contributing Factors	7
	(g) Time	8-9
	(h) Accidents and Population	10-13
	(i) Urban / Rural	14
	(j) Data Source	14
IV	CRITICAL ACCIDENT RATE LOCATIONS	15
	(a) Average Daily Traffic Groups	16
	(b) Base Accident Rates	17
	(c) High Hazard List	18-23
	(d) Critical Rate Summary	24-27
	(e) Specific Location, Maps and Descriptions	28-107
V	FATAL ACCIDENT CLUSTERS	108
	(a) Summary	109
	(b) Specific Location, Maps and Descriptions	110-120
VI	SIGNIFICANT ACCIDENT INCREASE LOCATIONS	121
	(a) Summary	122-123
	(b) Specific Location, Maps and Descriptions	124-153

1980
West Virginia
Accident Data

West Virginia
Department of Highways

CHARLES L. MILLER, Commissioner

in cooperation with

U.S.
Department of Transportation
Federal
Highway Administration

GENERAL SUMMARY

1980 DATA

In 1980, as a result of Traffic Accidents in West Virginia there were:

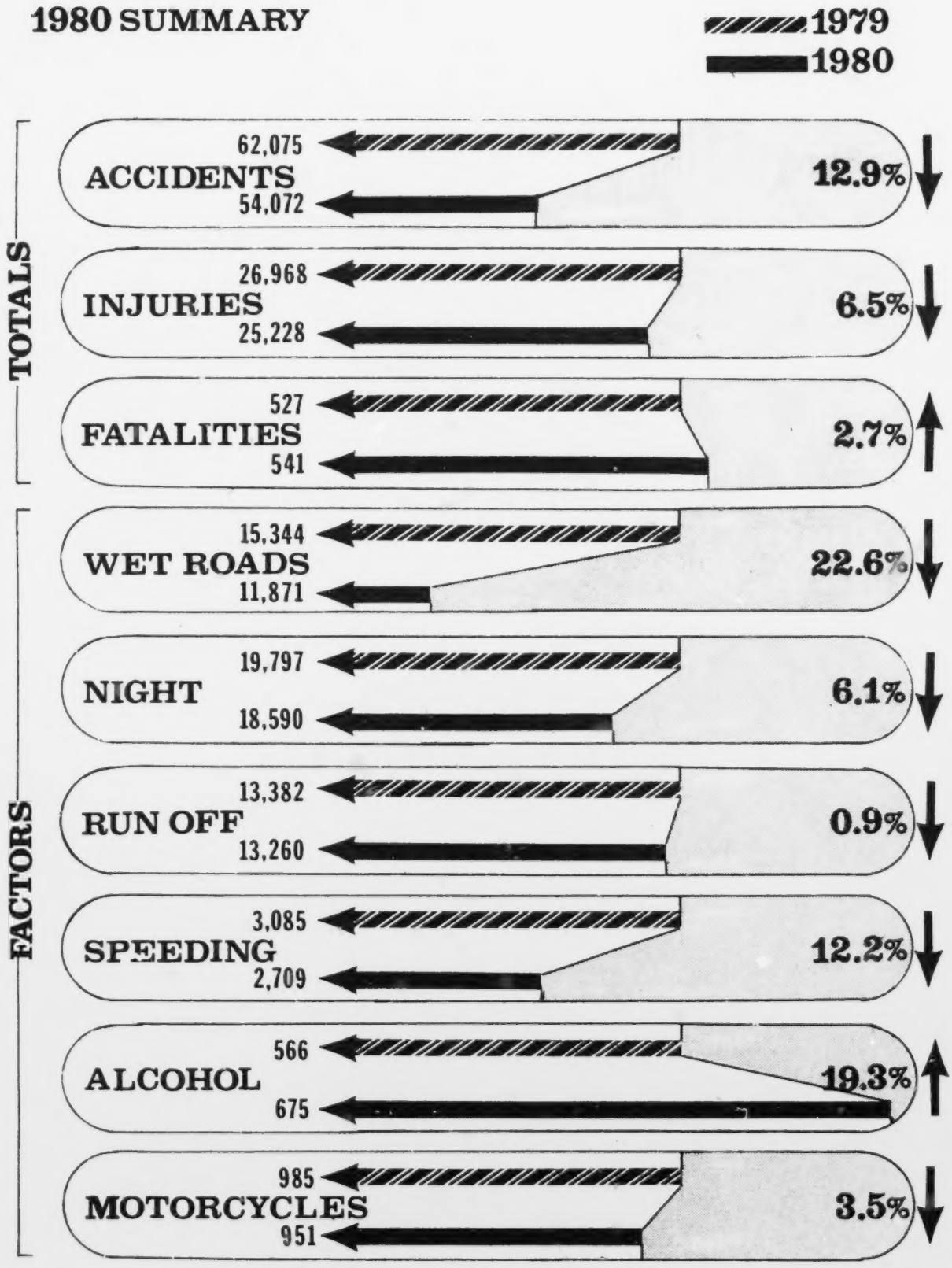
*ACCIDENTS	54,072
FATALITIES	541
PEOPLE INJURED	25,228
PROPERTY DAMAGE	$88,585,582
ECONOMIC LOSS	$275,214,930
VEHICLE MILES DRIVEN	10,404,000,000

Currently in West Virginia there are:

DRIVERS LICENSED	1,506,401
MOTOR VEHICLES REGISTERED	1,140,673
ROADWAY MILES MAINTAINED	33,697

*Only accidents reported on the Uniform Traffic Accident Report from the Huntington Urban Area after March 1980 are included in these totals.

1980 SUMMARY



West Virginia's Economic Loss
By County For 1980*

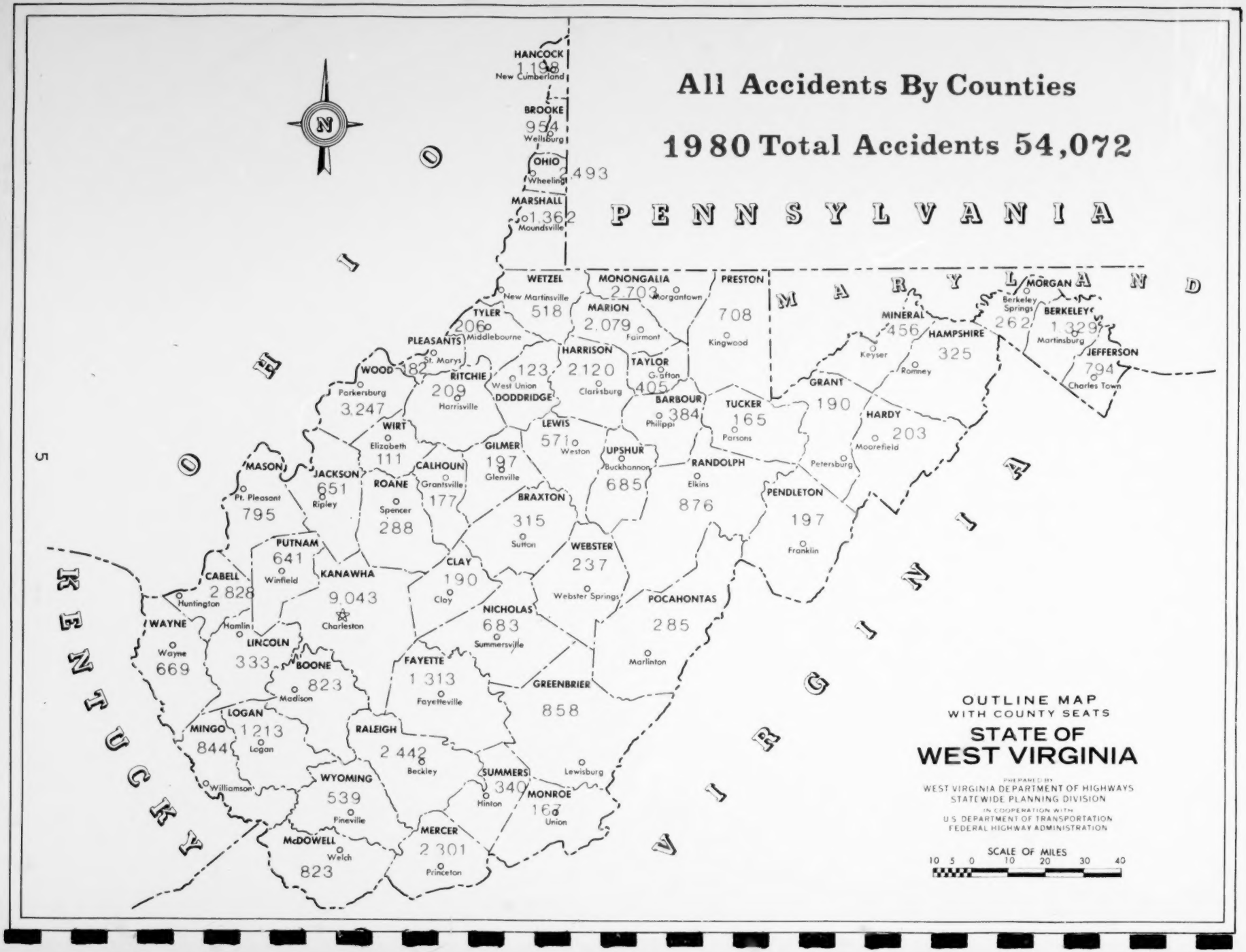
COUNTIES	FATAL ACCIDENTS			INJURY ACCIDENTS			P.D.O. ACCIDENTS		TOTALS	
	NO.	FATALITIES	$ LOSS	NO.	INJURIES	$ LOSS	NO.	$ LOSS	ACCIDENTS	$ECONOMIC LOSS
BARBOUR	5	12	1,920,000	97	155	961,000	282	245,340	384	3,126,340
BERKELEY	17	18	2,880,000	484	751	4,656,200	828	720,360	1,329	8,256,560
BOONE	15	15	2,400,000	312	455	2,821,000	496	431,520	823	5,652,520
BRAXTON	4	4	640,000	122	184	1,140,800	189	164,430	315	1,945,230
BROOKE	8	8	1,280,000	321	454	2,814,800	625	543,750	954	4,638,550
CABELL	23	25	4,000,000	574	898	5,567,600	2,231	1,940,970	2,828	11,508,570
CALHOUN	2	2	320,000	65	102	632,400	110	95,700	177	1,048,100
CLAY	1	1	160,000	79	123	762,600	110	95,700	190	1,018,300
DODDRIDGE	3	3	480,000	49	86	533,200	71	61,770	123	1,074,970
FAYETTE	17	20	3,200,000	424	662	4,104,400	872	758,640	1,313	8,063,040
GILMER	3	3	480,000	59	86	533,200	135	117,450	197	1,130,650
GRANT	10	11	1,760,000	80	128	793,600	100	87,000	190	2,640,600
GREENBRIER	9	10	1,600,000	298	460	2,852,000	551	479,370	858	4,931,370
HAMPSHIRE	9	11	1,760,000	148	237	1,469,400	168	146,160	325	3,375,560
HANCOCK	8	9	1,440,000	388	549	3,403,800	802	697,740	1,198	5,541,540
HARDY	1	1	160,000	90	153	948,600	112	97,440	203	1,206,040
HARRISON	8	9	1,440,000	650	974	6,038,800	1,462	1,271,940	2,120	8,750,740
JACKSON	8	10	1,600,000	193	295	1,829,000	450	391,500	651	3,820,500
JEFFERSON	7	8	1,280,000	301	450	2,790,000	486	422,820	794	4,492,820
KANAWHA	60	68	10,880,000	2,599	3,824	23,708,800	6,384	5,554,080	9,043	40,142,880
LEWIS	5	5	800,000	176	297	1,841,400	390	339,300	571	2,980,700
LINCOLN	6	7	1,120,000	121	205	1,271,000	206	179,220	333	2,570,220
LOGAN	10	11	1,760,000	431	711	4,408,200	772	671,640	1,213	6,839,840
McDOWELL	11	11	1,760,000	260	417	2,585,400	552	480,240	823	4,825,640
MARION	12	13	2,080,000	612	913	5,660,600	1,455	1,265,850	2,079	9,006,450
MARSHALL	11	11	1,760,000	324	473	2,932,600	1,027	893,490	1,362	5,586,090
MASON	8	9	1,440,000	254	402	2,492,400	533	463,710	795	4,396,110
MERCER	18	21	3,360,000	753	1,218	7,551,600	1,530	1,331,100	2,301	12,242,700
MINERAL	7	7	1,120,000	181	289	1,791,800	268	233,160	456	3,144,960

* Economic Loss From Traffic Accidents in West Virginia — 1980 (Based on Estimates Developed by the National Safety Council):
1. Fatality — $160,000
2. Injury — $6,200
3. Property Damage (only) Accident — $870

West Virginia's Economic Loss
By County For 1980*

COUNTIES	FATAL ACCIDENTS			INJURY ACCIDENTS			P.D.O. ACCIDENTS		TOTALS	
	NO.	FATALITIES	$ LOSS	NO.	INJURIES	$ LOSS	NO.	$ LOSS	ACCIDENTS	$ECONOMIC LOSS
MINGO	17	19	3,040,000	236	373	2,312,600	591	514,170	844	5,866,770
MONONGALIA	23	25	4,000,000	774	1,159	7,185,800	1,906	1,658,220	2,703	12,844,020
MONROE	2	2	320,000	52	85	527,000	113	98,310	167	945,310
MORGAN	5	5	800,000	97	140	868,000	160	139,200	262	1,807,200
NICHOLAS	11	11	1,760,000	221	361	2,238,200	451	392,370	683	4,390,570
OHIO	7	8	1,280,000	688	1,034	6,410,800	1,798	1,564,260	2,493	9,255,060
PENDLETON	5	6	960,000	89	137	849,400	103	89,610	197	1,899,010
PLEASANTS	0	0	-0-	57	78	483,600	125	108,750	182	592,350
POCAHONTAS	6	6	960,000	109	159	985,800	170	147,900	285	2,093,700
PRESTON	10	11	1,760,000	276	457	2,833,400	422	367,140	708	4,960,540
PUTNAM	7	7	1,120,000	186	266	1,649,200	448	389,760	641	3,158,960
RALEIGH	14	16	2,560,000	792	1,208	7,489,600	1,636	1,423,320	2,442	11,472,920
RANDOLPH	8	11	1,760,000	243	355	2,201,000	625	543,750	876	4,504,750
RITCHIE	4	4	640,000	60	105	651,000	145	126,150	209	1,417,150
ROANE	1	1	160,000	81	126	781,200	206	179,220	288	1,120,420
SUMMERS	3	3	480,000	135	209	1,295,800	202	175,740	340	1,951,540
TAYLOR	4	4	640,000	138	183	1,134,600	263	228,810	405	2,003,410
TUCKER	4	5	800,000	59	104	644,800	102	88,740	165	1,533,540
TYLER	1	1	160,000	71	120	744,000	134	116,580	206	1,020,580
UPSHUR	3	3	480,000	212	318	1,971,600	470	408,900	685	2,860,500
WAYNE	17	19	3,040,000	223	380	2,356,000	429	373,230	669	5,769,230
WEBSTER	2	3	480,000	78	118	731,600	157	136,590	237	1,348,190
WETZEL	3	4	640,000	155	246	1,525,200	360	313,200	518	2,478,400
WIRT	0	0	-0-	42	63	390,600	69	60,030	111	450,630
WOOD	13	15	2,400,000	860	1,249	7,743,800	2,374	2,065,380	3,247	12,209,180
WYOMING	8	9	1,440,000	150	244	1,512,800	403	350,610	561	3,303,410
TOTALS	484	541	86,560,000	16,529	25,228	156,413,600	37,059	32,241,330	54,072	275,214,930

* Economic Loss From Traffic Accidents in West Virginia — 1980 (Based on Estimates Developed by the National Safety Council):
1. Fatality — $160,000
2. Injury — $6,200
3. Property Damage (only) Accident — $870


All Accidents By Counties
1980 Total Accidents 54,072
PENNSYLVANIA
MARYLAND
OHIO
KENTUCKY
VIRGINIA
HANCOCK 1,198 New Cumberland
BROOKE 954 Wellsburg
OHIO 2,493 Wheeling
MARSHALL 1,362 Moundsville
WETZEL New Martinsville 518
MONONGALIA 2,703 Morgantown
PRESTON 708 Kingwood
TYLER 206 Middlebourne
MARION 2,079 Fairmont
PLEASANTS St. Marys 182
HARRISON 2120 Clarksburg
TAYLOR Grafton 405
WOOD Parkersburg 3,247
RITCHIE 209 Harrisville
DODDRIDGE 123 West Union
BARBOUR Philippi 384
TUCKER 165 Parsons
WIRT Elizabeth 111
LEWIS 571 Weston
GILMER 197 Glenville
UPSHUR Buckhannon 685
RANDOLPH Elkins 876
MASON Pt. Pleasant 795
JACKSON Ripley 651
CALHOUN Grantsville 177
ROANE Spencer 288
BRAXTON Sutton 315
PENDLETON Franklin 197
PUTNAM Winfield 641
KANAWHA Charleston 9,043
CLAY Clay 190
WEBSTER Webster Springs 237
CABELL Huntington 2,828
WAYNE Wayne 669
Hamlin
LINCOLN 333
BOONE Madison 823
NICHOLAS Summersville 683
POCAHONTAS Marlinton 285
FAYETTE Fayetteville 1,313
GREENBRIER 858
LOGAN Logan 1,213
MINGO Williamson 844
RALEIGH Beckley 2,442
SUMMERS Hinton 340
Lewisburg
WYOMING Pineville 539
MONROE Union 163
McDOWELL Welch 823
MERCER Princeton 2,301
GRANT Petersburg 190
HARDY Moorefield 203
MINERAL Keyser 456
HAMPSHIRE Romney 325
MORGAN Berkeley Springs 262
BERKELEY Martinsburg 1,329
JEFFERSON Charles Town 794
OUTLINE MAP
WITH COUNTY SEATS
STATE OF
WEST VIRGINIA
PREPARED BY
WEST VIRGINIA DEPARTMENT OF HIGHWAYS
STATEWIDE PLANNING DIVISION
IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
SCALE OF MILES
10 5 0 10 20 30 40

1980 ACCIDENT DATA

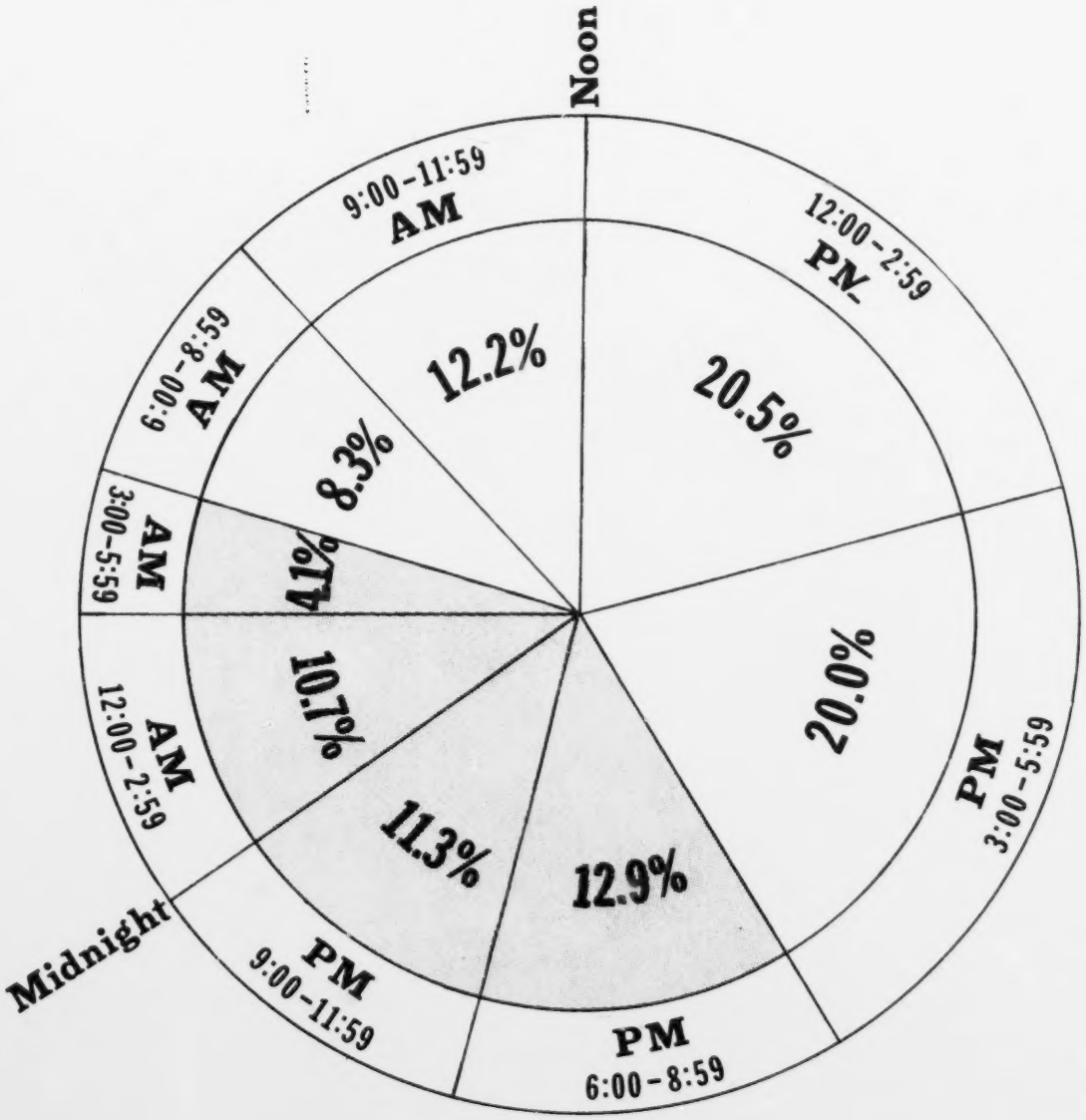
ACCIDENT TYPE	NUMBER	PERCENT
Rear End	8,826	16.3
Head On	2,536	4.7
Sideswipe-Same Direction	4,798	8.9
Sideswipe-Opposite Direction	5,356	9.9
Access Conflict	10,024	18.5
Run-Off	13,260	24.6
Pedestrian	885	1.6
Animal	520	1.0
Parked Vehicle	6,932	12.8
Train	106	0.2
Other	829	1.5
	54,072	100.0

VEHICLE TYPE	NUMBER	PERCENT
Automobile	85,597	88.8
Truck	7,134	7.4
Semi	1,113	1.1
Motorcycle	951	1.0
Trailer	55	0.1
Bus	268	0.3
Equipment	72	0.1
Other	1,169	1.2
	96,359	100.0

1980 ACCIDENT DATA

CONTRIBUTING FACTORS	NUMBER	PERCENT
Exceeding Speed Limit	638	0.7
Exceeding Safe Speed	2,071	2.1
Improper Lane Change	1,439	1.5
Follows Too Close	1,107	1.1
Disregard Traffic Control	962	1.0
Didn't Have Right-Of-Way	6,280	6.5
Didn't Have Control	14,511	15.1
Under Minimum Speed	35	---
No/Improper Signal	156	0.2
Turning Improperly	748	0.8
Passing Improperly	518	0.5
Parking Improperly	326	0.3
Backing Improperly	1,019	1.1
Avoiding Animal/Vehicle	670	0.7
Distraction in Vehicle	155	0.2
Walking Violation	8	---
Driver Under Influence	866	0.9
Pedestrian Under Influence	15	---
Slippery Pavement	1,560	1.6
Other Road Defects	155	0.2
Previous Accident	39	0.1
Mechanical Defect	517	0.5
None Noted	62,564	64.9
	96,359	100.0

% of Accident Occurrence By Time Of Day



1980 Total Accidents - 54,072

Denotes Hours Of Darkness

1980 ACCIDENT DATA

MONTH OF YEAR	NUMBER	PERCENT
January	4,892	9.0
February	4,678	8.7
March	4,323	8.0
April	3,861	7.1
May	4,421	8.2
June	4,421	8.2
July	4,472	8.3
August	4,781	8.8
September	4,125	7.6
October	4,948	9.2
November	4,410	8.1
December	4,740	8.8
	54,072	100.0

DAY OF WEEK	NUMBER	PERCENT
Sunday	6,297	11.6
Monday	6,852	12.7
Tuesday	7,000	12.9
Wednesday	7,337	13.6
Thursday	7,502	13.9
Friday	9,247	17.1
Saturday	9,837	18.2
	54,072	100.0

ACCIDENTS, DEATHS AND INJURIES-1980

(INCORPORATED TOWNS OF 2,700 AND GREATER)

* POPULATION 2,700-5,000

CITY OR TOWN	ACCIDENTS	DEATHS	INJURIES
Barboursville	93	0	12
Charles Town	105	1	48
Chester	106	0	23
Follansbee	122	2	122
Hinton	82	0	21
Hurricane	57	0	18
Kenova	36	0	14
Kingwood	91	3	33
Lewisburg	63	0	23
Logan	140	0	41
Madison	113	0	30
Mannington	34	0	14
Montgomery	105	0	16
Mullens	62	0	6
Paden City	51	0	12
Philippi	87	0	18
Ravenswood	75	0	15
Richwood	36	0	5
Ripley	121	0	35
Salem	45	0	16
Shinnston	28	0	4
Spencer	59	0	13
Summersville	118	1	34
Welch	159	0	45
Wellsburg	175	1	67
Westover	109	0	37
White Sulphur Springs	47	0	8
Williamstown	37	0	10
TOTAL	2,356	8	740

* Population - 1980 Bureau of Census

ACCIDENTS, DEATHS AND INJURIES-1980

(INCORPORATED TOWNS OF 2,700 AND GREATER)

* POPULATION 5,001 - 10,000

CITY OR TOWN	ACCIDENTS	DEATHS	INJURIES
Bridgeport	155	0	49
Buckhannon	207	0	51
Dunbar	277	2	116
Elkins	356	0	103
Grafton	131	1	32
Keyser	133	0	34
New Martinsville	190	2	75
Nitro	208	1	75
Oak Hill	222	1	62
Princeton	407	1	151
Pt. Pleasant	227	0	70
Weston	216	1	40
Williamson	287	0	34
TOTAL	3,016	9	892

* POPULATION 10,000 - 25,000

CITY OR TOWN	ACCIDENTS	DEATHS	INJURIES
Beckley	1,006	3	381
Bluefield	592	4	237
Clarksburg	730	1	217
Martinsburg	424	0	138
Moundsville	596	0	102
So. Charleston	734	3	281
St. Albans	439	0	172
Vienna	212	1	80
TOTAL	4,733	12	1,608

* Population - 1980 Bureau of Census

ACCIDENTS, DEATHS AND INJURIES-1980

(INCORPORATED TOWNS OF 2,700 AND GREATER)

* POPULATION 25,001-50,000

CITY OR TOWN	ACCIDENTS	DEATHS	INJURIES
Fairmont	1,117	2	386
Morgantown	1,455	4	419
Parkersburg	2,298	2	816
Weirton	879	4	421
Wheeling	1,926	2	760
TOTAL	7,675	14	2,802

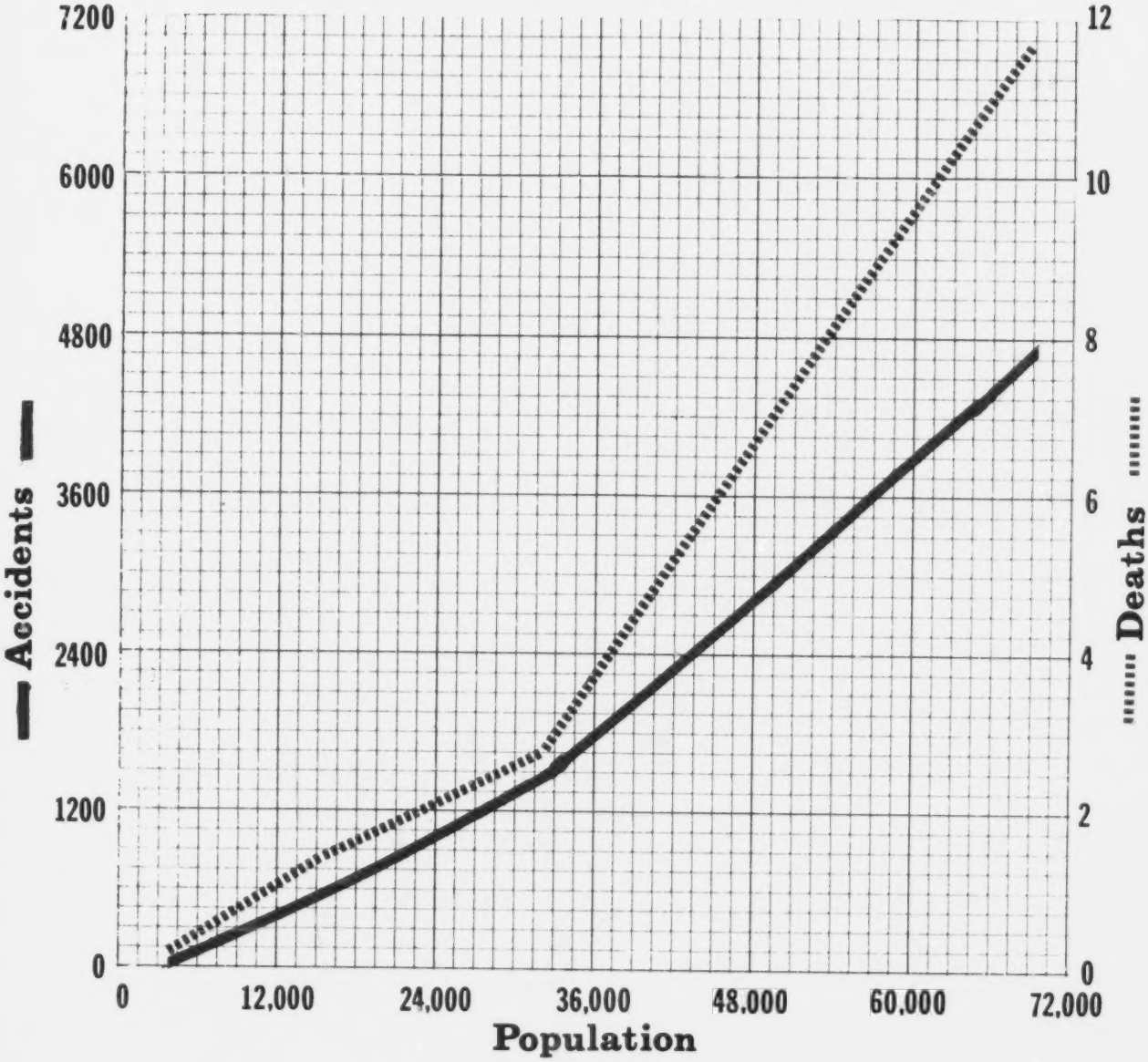
* POPULATION OVER 50,000

CITY OR TOWN	ACCIDENTS	DEATHS	INJURIES
Charleston	4,144	9	1,296
Huntington	1,781	12	366
TOTAL	5,925	21	1,662

GRAND TOTAL	23,705	64	7,704

* Population - 1980 Bureau of Census

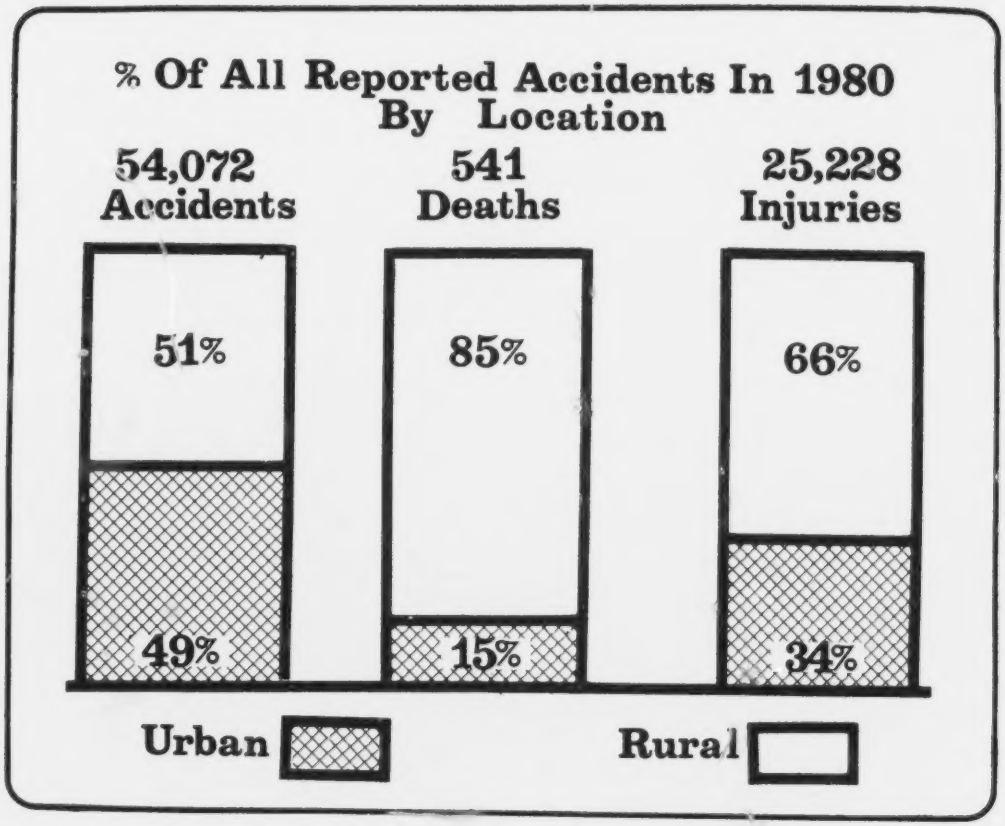
Accidents and Deaths vs. Population*
In Incorporated Towns Of 2,700 Or More

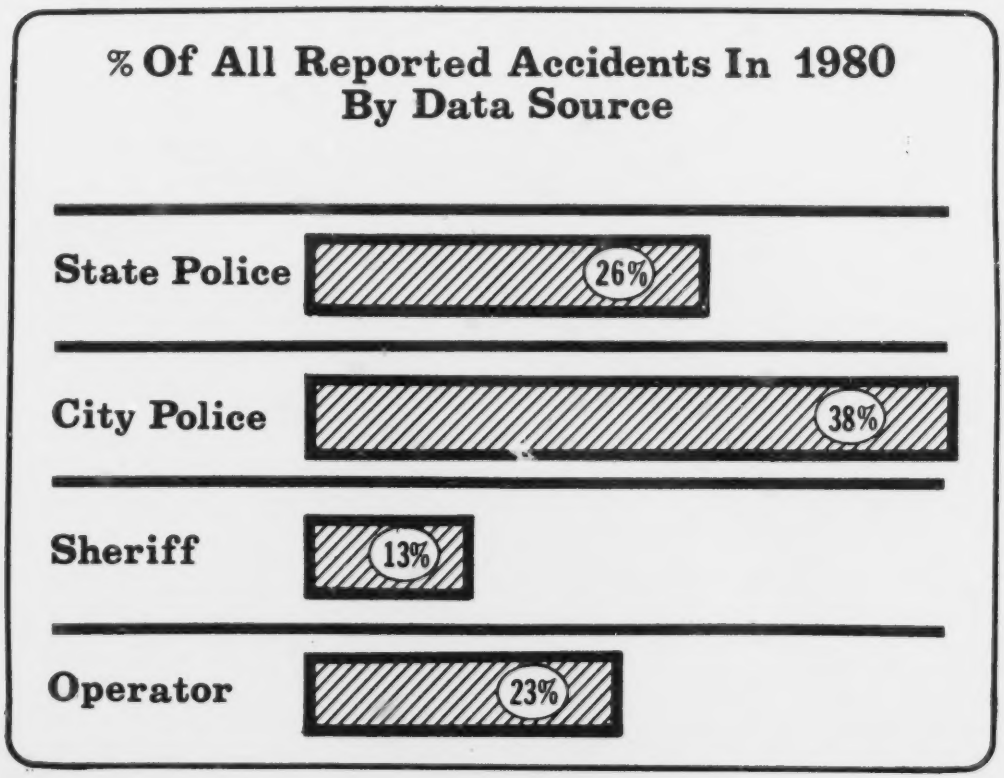


Accidents

Deaths

*Population - 1980 Bureau of Census


% Of All Reported Accidents In 1980
By Location
54,072
Accidents
541
Deaths
25,228
Injuries
51%
85%
66%
49%
15%
34%
Urban
Rural


% Of All Reported Accidents In 1980
By Data Source
State Police
26%
City Police
38%
Sheriff
13%
Operator
23%

CRITICAL ACCIDENT RATE LOCATIONS

Analyzing traffic accidents can be very difficult because they are normally regarded as statistically rare events. For this reason, extreme care should be used to avoid concluding too much from too few accidents. Also, the use of accident totals is but a basic method of measuring the hazardousness of a location and can be misleading unless other factors are taken into account. Some of the more common factors are variations in traffic volumes, accident severity, distances involved, time parameters, categories of highways, etc.

A standard method of comparing high-accident locations is the accident rate, which is the number of accidents that take place divided by the vehicle exposure. The highway sections noted in this report are tabulated on the basis of hundred million vehicle miles of traffic passing through that specific section. This rate can be abbreviated as accidents/HMVM.

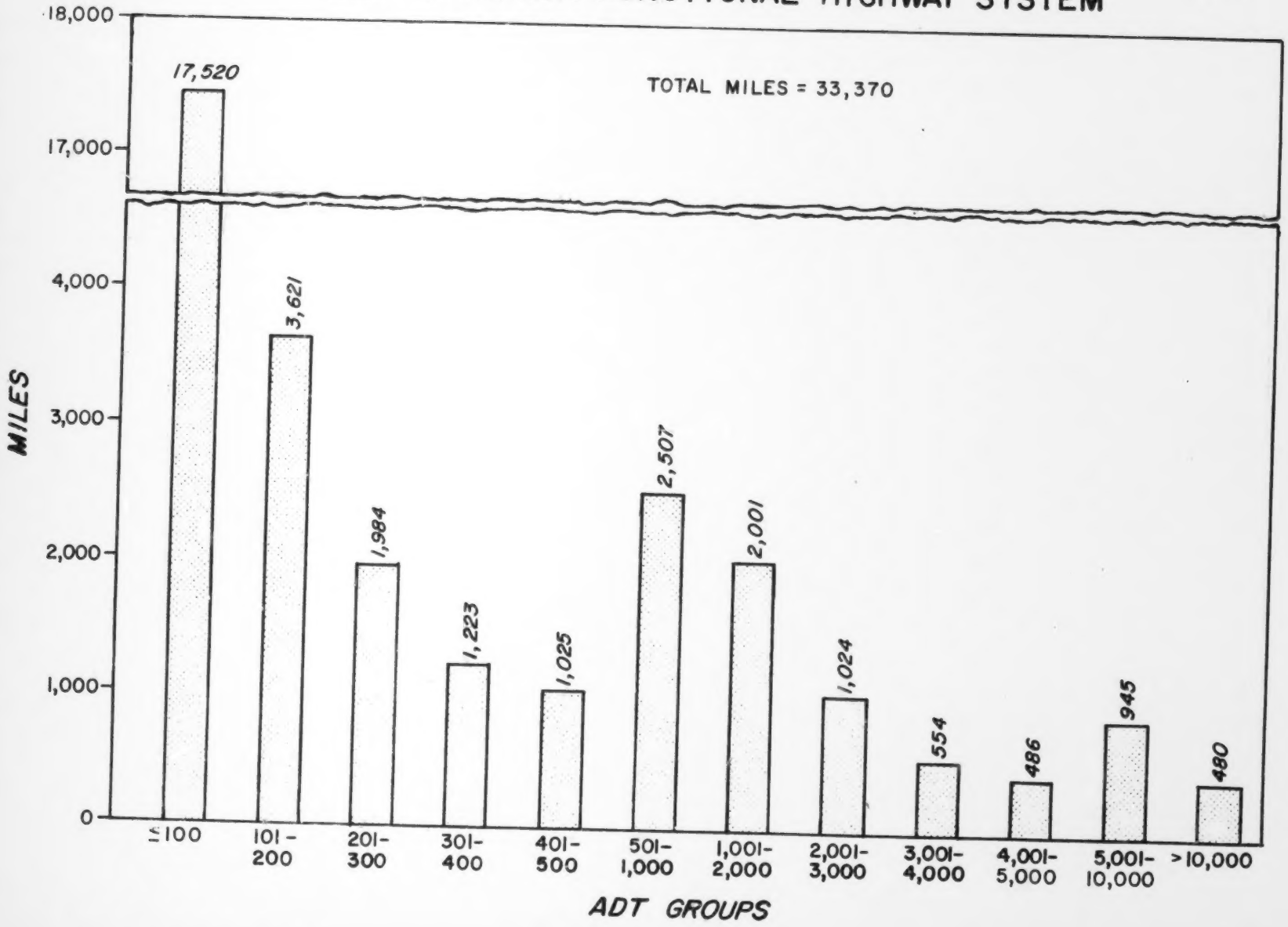
We have used probably the most complicated and difficult method of accident analysis to compare the accident rates on highway sections in our State. This method called the rate/quality-control method requires more calculations than other methods but we felt it was the most accurate. By the use of computer processing and the STATEWIDE ACCIDENT AND ROADWAY FILES, systemwide averages can be developed for various categories of highways. These averages are used in a statistical test (a mathematical formula) that is applied to each 0.50 mile segment of highway in the State. This test assures "quality control" by determining that the accident rate at a particular location is really unusually high. Locations with an actual accident rate that exceeded the calculated critical rate were placed on computerized output. A location was disregarded unless the minimum number of accidents on the highway segment was four (4) or greater.

A computerized report was generated for various highway categories such as: rural interstate, urban interstate, urban primary-2 lanes, urban primary-4 lanes, rural primary-4 lanes, county routes-over 500 ADT, etc. These reports were reviewed and a list of high hazard locations was compiled. The methodology used for the determination of critical accident rate locations included in the 1980 West Virginia Accident Data report is as follows:

First, the three (3) most current years' data (1978-1980) were used as the data base. Second, we did not include the equivalent-property damage only (EPDO) weighting number method. Our experience in previous years was that the EPDO information virtually duplicated the critical rate data. Third, locations have been included for the Interstate, US, WV and CR highway categories. And finally, a critical rate location was identified by specific location, mapping, and description when the three-year accident rate was a minimum of two (2) times greater than the calculated critical rate.

Accident totals and rates during the three years (1978-1980) were tabulated for each of the eighty (80) CRITICAL ACCIDENT RATE LOCATIONS.

AVERAGE DAILY TRAFFIC GROUPS
WEST VIRGINIA FUNCTIONAL HIGHWAY SYSTEM



SOURCE: ROAD INVENTORY LOG, 1978

BASE ACCIDENT RATES

1978-1980

	HIGHWAY TYPE	* RATE PER HMVM
	Rural Interstate	53
	Urban Interstate	148
+	Rural Primary	354
	Rural Primary Two Lanes	363
+	Rural Primary Two Lanes Less Than 16'	497
+	Rural Primary Two Lanes 16'-17'	415
+	Rural Primary Two Lanes 18'-22'	363
+	Rural Primary Two Lanes OVER 22'	308
	Rural Primary Four Lanes	178
x	Rural Primary Four Lanes Controlled Access	74
+	Urban Primary	751
	Urban Primary Two Lanes	780
	Urban Primary Four Lanes	621
	County Routes over 500 ADT	426
@	Rural County Routes over 500 ADT Less Than 16'	327
@	Rural County Routes over 500 ADT 16'-17'	457
@	Rural County Routes over 500 ADT 18'-22'	454

* 3 Year Accident Rate Per Hundred Million Vehicle Miles
\+ 1977-1979
@ 1976-1978
x 1978 Rate

TABLE A

1980 HIGH HAZARD LIST

RURAL INTERSTATE

	DISTRICT	COUNTY	ROUTE	MILEPOST	3 YEAR ACCIDENTS			TOTAL	ADT	* RATE
					TOTAL	INJURED	KILLED	ACC/MILE		PER HMVM
x	2	Cabell	I-64	7.60-11.60	113	53	5	28.25	17,100	151
x	2	Cabell	I-64	12.90-15.20	79	29	0	34.35	18,300	171
	2	Cabell	I-64	16.90-18.50	48	28	2	30.00	16,300	168
x	4	Harrison	I-79	118.40-121.40	66	40	1	22.00	15,000	134
x	1	Kanawha	I-64	46.80-50.50	193	129	4	52.16	28,600	167
x	4	Marion	I-79	131.30-133.10	49	34	1	27.22	17,400	143
	4	Marion	I-79	136.40-137.50	29	14	0	26.36	16,400	147
	4	Marion	I-79	138.40-139.40	27	17	1	27.00	18,000	137
	4	Monongalia	I-79	145.10-146.20	26	25	1	23.64	13,800	156
	4	Monongalia	I-79	151.80-152.90	24	15	2	21.82	12,800	156
x	6	Ohio	I-70	8.30-11.60	104	45	1	31.52	20,000	144
	1	Putnam	I-64	43.00-45.20	109	55	1	49.55	25,000	181

TABLE B

1980 HIGH HAZARD LIST

URBAN INTERSTATE

	DISTRICT	COUNTY	ROUTE	MILEPOST	3 YEAR ACCIDENTS			TOTAL	ADT	* RATE
					TOTAL	INJURED	KILLED	ACC/MILE		PER HMVM
	1	Kanawha	I-64	52.10-52.80	65	28	0	92.86	41,500	204
	1	Kanawha	I-64	53.64-54.20	88	52	0	157.14	46,000	312
	1	Kanawha	I-64	55.40-55.90	62	29	0	124.00	55,000	206
	1	Kanawha	I-64	57.10-58.84	297	138	1	170.69	51,000	306
x	6	Ohio	I-70	0.00-3.00	600	273	0	200.00	35,000	522
	6	Ohio	I-70	4.40-5.80	76	32	1	54.29	23,000	142

*3-Year Accident Rate (1978-1980) Per Hundred Million Vehicle Miles
x Critical Rate Site

TABLE C

1980 HIGH HAZARD LIST

RURAL PRIMARY 2 LANES

	DISTRICT	COUNTY	ROUTE	MILEPOST	3 YEAR ACCIDENTS			TOTAL	ADT	* RATE
					TOTAL	INJURED	KILLED	ACC/MILE		PER HMVM
	7	Barbour	US 119	8.80-9.40	15	13	0	25.00	3,300	692
	7	Barbour	US 250	2.50-3.40	30	22	0	33.33	4,200	725
x	5	Berkeley	US 11	4.50-5.40	56	34	1	62.22	5,000	1,136
	5	Berkeley	WV 9	4.30-5.10	29	23	0	36.25	4,300	770
	5	Berkeley	WV 9	7.70-8.20	24	19	0	48.00	7,100	617
	5	Berkeley	WV 9	15.60-16.40	61	40	2	76.25	11,000	633
	5	Berkeley	WV 45	19.20-20.00	28	19	0	35.00	4,500	710
	1	Boone	US 119	12.80-14.00	69	59	3	57.50	7,900	665
	1	Boone	US 119	19.00-19.90	39	12	1	43.33	6,700	591
x	1	Boone	US 119	27.00-28.00	67	51	0	67.00	6,600	927
x	1	Boone	WV 3	2.30-3.40	27	6	0	24.55	1,900	1,180
	1	Boone	WV 3	4.80-5.70	19	18	2	21.11	1,900	1,015
	1	Boone	WV 17	3.50-4.40	29	17	0	32.22	2,400	1,226
	1	Boone	WV 17	8.40-9.30	31	33	1	34.44	4,200	749
	7	Braxton	WV 4	18.90-19.60	19	11	0	27.14	3,300	751
	6	Brooke	WV 2	0.00-0.70	30	15	1	42.86	5,000	783
	6	Brooke	WV 2	13.30-14.20	50	34	0	55.55	7,300	695
	6	Brooke	WV 2	15.80-16.30	32	24	1	64.00	9,220	634
	6	Brooke	WV 27	2.60-3.60	38	40	0	38.00	4,700	738
x	6	Brooke	WV 27 ALT.	0.80-4.10	139	71	0	42.12	2,600	1,479
x	6	Brooke	WV 67	0.70-2.50	50	23	0	27.77	2,000	1,268
	2	Cabell	US 60	14.40-15.50	54	40	0	49.09	6,900	650
	2	Cabell	WV 10	13.70-14.30	33	17	0	55.00	4,950	1,015
	9	Fayette	US 60	14.80-15.70	36	12	0	40.00	5,800	630
	9	Fayette	US 60	30.40-31.10	17	9	0	24.29	3,300	672
x	9	Fayette	US 60	44.00-46.06	56	45	0	27.16	2,000	955
	9	Fayette	WV 16	1.60-2.70	28	24	3	25.45	2,360	985
	9	Fayette	WV 16	4.30-5.00	24	20	0	34.29	4,000	783
	9	Greenbrier	US 60	36.50-38.10	46	29	1	28.75	4,600	570
	9	Greenbrier	US 219	8.10-9.00	53	27	0	58.89	7,400	727
	5	Hampshire	US 50	9.60-10.50	36	29	0	40.00	5,500	664
	5	Hampshire	US 50	11.10-12.00	34	30	0	37.78	3,800	908
x	5	Hampshire	US 50	23.40-24.40	34	24	1	34.00	2,300	1,350
	5	Hampshire	US 50	26.10-27.00	21	18	4	23.33	2,300	926
x	6	Hancock	US 30	1.40-2.70	74	47	1	56.92	6,300	825
x	6	Hancock	WV 2	17.80-19.50	109	53	0	64.12	4,000	1,464
	4	Harrison	WV 20	4.40-5.10	27	29	1	38.57	5,150	684
	4	Harrison	WV 20	6.70-8.20	72	74	1	48.00	6,200	707
	4	Harrison	WV 20	11.70-12.50	99	36	0	123.75	12,500	904
	3	Jackson	US 33	0.70-1.60	18	7	0	20.00	3,600	507
	3	Jackson	WV 2	5.80-6.60	22	5	1	27.50	4,200	598
	3	Jackson	WV 68	4.00-4.50	21	13	0	42.00	5,440	705
x	5	Jefferson	WV 9	11.60-14.70	137	95	0	44.19	4,400	917
x	5	Jefferson	WV 9	15.30-16.20	30	27	0	33.33	3,100	982
x	1	Kanawha	US 35	0.00-1.30	93	53	1	71.54	6,800	961
x	1	Kanawha	WV 61	9.90-11.70	170	89	2	94.44	6,100	1,414
x	1	Kanawha	WV 62	0.35-2.50	92	51	0	42.79	4,600	850
x	1	Kanawha	WV 62	6.10-7.20	91	50	0	82.73	8,300	910
x	1	Kanawha	WV 114	2.60-6.60	173	120	1	30.00	6,100	648
x	1	Kanawha	WV 214	0.50-2.10	84	56	0	52.50	4,900	978
x	1	Kanawha	WV 214	6.70-9.40	197	123	0	72.96	4,600	1,449
x	1	Kanawha	WV 501	1.40-2.20	30	16	0	37.50	2,500	1,370
	1	Kanawha	WV 622	1.80-3.75	230	117	2	117.95	13,400	804
	1	Kanawha	WV 622	5.10-6.60	73	34	0	48.67	2,700	1,646

* 3-Year Accident Rate (1978-1980) Per Hundred Million Vehicle Miles

x Critical Rate Site

TABLE C

1980 HIGH HAZARD LIST

RURAL PRIMARY 2 LANES

	DISTRICT	COUNTY	ROUTE	MILEPOST	3 YEAR ACCIDENTS			TOTAL	ADT	* RATE
					TOTAL	INJURED	KILLED	ACC/MILE		PER HMVM
x	7	Lewis	US 19	25.30-26.80	66	75	1	44.00	4,400	913
	2	Lincoln	WV 10	6.10-7.00	22	21	1	24.44	2,600	859
	2	Lincoln	WV 10	22.10-23.00	22	20	0	24.44	4,000	558
	2	Lincoln	WV 214	10.80-11.68	46	28	0	52.27	4,200	1,137
	2	Logan	US 119	0.90-1.50	20	16	0	33.33	5,200	951
x	2	Logan	US 119	2.90-5.20	114	57	0	49.57	5,900	767
	2	Logan	US 119	13.60-14.50	40	44	1	44.44	7,100	572
	2	Logan	WV 10	19.50-20.50	122	69	0	122.00	10,000	1,114
x	2	Logan	WV 10	28.60-29.20	35	17	0	58.33	2,800	1,903
x	2	Logan	WV 17	0.00-0.80	45	11	1	56.25	4,200	1,223
	2	Logan	WV 17	3.60-4.30	23	11	0	32.86	3,000	1,000
	10	McDowell	US 52	30.80-31.70	36	23	0	40.00	5,300	652
	4	Marion	US 19	2.50-4.40	74	32	0	38.95	4,600	773
	4	Marion	US 250	2.10-3.40	114	55	0	87.69	9,100	880
	4	Marion	US 250	9.10-13.40	139	81	1	32.33	4,500	656
x	4	Marion	WV 310	4.60-6.40	46	26	0	25.56	2,100	1,111
x	6	Marshall	WV 88	2.30-3.70	41	22	0	29.29	2,600	1,029
x	1	Mason	WV 2	3.60-4.50	24	21	0	26.67	2,600	937
	1	Mason	WV 2	18.20-19.20	33	16	0	33.00	3,600	837
	1	Mason	WV 2	22.80-23.80	31	29	0	31.00	2,600	1,089
	1	Mason	WV 62	23.60-24.60	34	35	1	34.00	3,500	887
	1	Mason	WV 62	25.60-26.30	18	11	0	25.71	3,200	734
	1	Mason	WV 62	30.40-31.30	23	16	0	25.56	3,500	667
	10	Mercer	US 19	3.90-4.40	28	25	0	56.00	7,700	664
	10	Mercer	US 52	6.40-7.80	119	68	1	79.33	10,100	769
	10	Mercer	US 52	8.40-9.80	137	117	1	97.86	12,400	721
	10	Mercer	WV 20	9.00-9.87	52	33	0	59.77	7,100	769
	10	Mercer	WV 20	15.00-16.50	51	26	1	34.00	5,000	621
	10	Mercer	WV 123	1.80-3.20	45	32	0	32.14	3,600	815
x	10	Mercer	WV 123	4.70-5.70	23	24	1	23.00	2,100	1,000
	10	Mercer	WV 123	8.30-9.20	31	15	1	34.44	2,900	1,085
x	2	Mingo	US 52	16.70-18.90	91	50	4	41.36	3,400	1,111
	2	Mingo	US 52	34.80-35.70	21	7	1	23.33	2,300	926
	4	Monongalia	US 119	2.40-3.20	23	13	0	28.75	1,300	2,020
	4	Monongalia	US 119	11.30-11.89	40	28	0	67.80	7,000	884
	4	Monongalia	US 119	18.20-19.10	32	16	0	35.55	4,900	662
	4	Monongalia	WV 7	38.10-39.20	59	52	1	53.64	5,200	942
	5	Morgan	US 522	10.00-10.70	23	18	2	32.86	4,200	714
	9	Nicholas	US 19	5.50-6.40	23	25	2	25.55	3,900	598
	9	Nicholas	US 19	28.50-29.40	19	16	0	21.11	3,600	536
	9	Nicholas	WV 39	24.10-24.60	16	6	1	32.00	3,600	812
	3	Pleasants	WV 16	7.10-7.80	21	14	0	30.00	3,200	856
	8	Pocahontas	US 219	16.50-17.90	37	19	1	26.43	2,900	832
x	4	Preston	WV 7	2.80-4.30	66	44	1	44.00	4,800	837
	4	Preston	WV 26	14.80-15.50	31	23	0	44.29	4,200	963
	4	Preston	WV 92	15.30-16.20	18	7	0	20.00	1,400	1,305
	1	Putnam	US 60	1.60-2.50	27	14	0	30.00	2,800	978
x	1	Putnam	WV 34	13.90-15.70	121	69	2	67.22	6,200	990
	1	Putnam	WV 62	0.50-1.70	72	28	0	60.00	7,500	731
	10	Raleigh	US 19	12.60-13.50	123	85	0	136.67	10,400	1,200
	10	Raleigh	WV 3	24.70-25.60	36	17	0	40.00	6,000	609
	10	Raleigh	WV 3	26.20-27.10	29	29	1	32.22	5,900	499
	10	Raleigh	WV 3	35.30-36.15	78	55	0	91.76	16,500	508
x	10	Raleigh	WV 16	23.09-25.40	79	49	0	34.20	3,000	1,041
x	10	Raleigh	WV 41	2.90-3.90	66	51	0	66.00	7,100	849

* 3-Year Accident Rate (1978-1980) Per Hundred Million Vehicle Miles

x Critical Rate Site

TABLE C

1980 HIGH HAZARD LIST

RURAL PRIMARY 2 LANES

	DISTRICT	COUNTY	ROUTE	MILEPOST	3 YEAR ACCIDENTS			TOTAL	ADT	* RATE
					TOTAL	INJURED	KILLED	ACC/MILE		PER HMVM
	8	Randolph	US 33	9.30-10.60	48	21	2	36.92	4,000	843
	8	Randolph	US 33	15.10-15.60	37	8	1	74.00	8,300	814
	8	Randolph	US 219	29.40-31.40	56	33	3	28.00	3,400	752
	9	Summers	WV 3	7.90-9.30	49	31	0	35.00	5,400	592
	7	Upshur	WV 20	15.60-16.50	26	11	1	28.89	2,900	910
x	7	Upshur	WV 20	23.20-24.25	119	36	1	113.33	13,000	796
	2	Wayne	WV 75	6.80-7.70	21	9	0	23.33	2,900	735
	2	Wayne	WV 152	33.80-35.70	51	38	3	26.84	4,600	533
	7	Webster	WV 15	1.00-1.60	20	7	0	33.33	2,600	1,171
x	7	Webster	WV 20	19.10-20.01	30	9	2	32.97	2,700	1,115
	3	Wirt	WV 5	0.30-1.20	19	10	1	21.11	2,100	918
x	3	Wood	US 50	3.45-4.00	84	49	0	152.73	11,500	1,213
	3	Wood	WV 2	25.10-26.70	82	37	0	51.25	6,800	688
	3	Wood	WV 14	6.00-8.00	68	34	0	34.00	4,000	776
	3	Wood	WV 47	9.70-10.60	23	25	0	25.55	2,000	1,167
x	10	Wyoming	WV 16	28.30-29.40	29	13	0	26.36	1,500	1,605

TABLE D

1980 HIGH HAZARD LIST

RURAL PRIMARY 4 LANES

	DISTRICT	COUNTY	ROUTE	MILEPOST	3 YEAR ACCIDENTS			TOTAL	ADT	* RATE
					TOTAL	INJURED	KILLED	ACC/MILE		PER HMVM
	5	Berkeley	WV 9	10.37-10.90	20	6	0	37.74	7,100	485
	5	Berkeley	WV 9	15.20-15.79	37	19	1	62.71	12,500	458
x	2	Cabell	US 60	7.40-12.10	909	479	5	193.40	21,600	818
	2	Cabell	WV 10	15.35-16.26	36	24	2	39.56	10,000	361
x	2	Cabell	WV 152	1.06-1.43	34	25	0	91.89	9,200	912
x	9	Fayette	US 19	5.70-6.80	68	51	2	61.82	11,500	491
	9	Fayette	US 19	9.80-10.70	26	39	0	28.89	9,000	293
	4	Harrison	US 50	10.00-11.80	39	58	2	21.67	8,000	247
x	4	Harrison	US 50	17.72-18.29	157	115	0	275.44	23,000	1,094
x	1	Kanawha	US 60	2.30-3.42	122	98	0	108.93	12,000	829
x	1	Kanawha	US 60	6.40-8.40	325	255	4	162.50	19,900	746
x	1	Kanawha	US 60	21.73-24.60	294	192	9	102.44	13,500	693
	1	Kanawha	US 60	29.28-30.10	47	38	0	57.32	16,000	327
x	2	Logan	US 119	18.70-19.90	53	40	1	44.17	5,500	733
x	10	Mercer	US 19	4.93-5.80	39	68	0	44.83	8,900	460
x	10	Mercer	US 19	8.30-9.20	48	31	0	53.33	10,000	487
	10	Mercer	US 460	12.40-13.26	22	15	0	25.58	6,700	349
x	10	Mercer	US 460	14.70-16.20	# 25	# 23	# 0	50.00	8,400	544
x	4	Monongalia	US 119	11.90-12.28	102	60	0	268.42	12,500	1,961
x	9	Nicholas	US 19	13.70-14.30	## 27	## 31	## 1	67.50	6,200	994
	1	Putnam	WV 25	0.80-1.60	60	34	0	75.00	13,100	523
	10	Raleigh	WV 16	11.84-12.50	48	30	0	72.73	14,100	471
x	10	Raleigh	WV 16	13.90-15.50	230	164	1	143.75	16,100	815
x	8	Randolph	US 219	37.20-38.50	62	38	0	47.69	8,000	544
	6	Wetzel	WV 2	11.05-11.74	23	15	0	33.33	6,900	441
	3	Wood	US 50	4.01-4.60	51	30	0	86.44	9,600	822
x	3	Wood	WV 47	2.64-3.10	31	13	0	67.39	4,900	1,256

*3-Year Accident Rate (1978-1980) Per Hundred Million Vehicle Miles x Critical Rate Site

1980 Accident Data ## 1979 and 1980 Accident Data

TABLE E

1980 HIGH HAZARD LIST

URBAN PRIMARY 2 LANES

	DISTRICT	COUNTY	ROUTE	MILEPOST	3 YEAR ACCIDENTS			TOTAL	ADT	* RATE
					TOTAL	INJURED	KILLED	ACC/MILE		PER HMVM
	6	Brooke	US 22	1.20-1.93	215	124	0	294.52	23,900	1,125
	6	Brooke	WV 2	7.00-7.70	110	38	0	157.14	11,500	1,248
	6	Brooke	WV 2	11.00-12.10	225	97	3	204.55	12,000	1,557
	2	Cabell	US 60	0.30-6.30	1,562	341	5	260.33	20,100	1,183
	2	Cabell	US 60 W.B.	0.00-5.10	1,304	237	4	255.69	14,700	1,588
	2	Cabell	WV 2	0.00-1.10	125	24	0	113.64	8,900	1,166
	2	Cabell	WV 527	1.40-2.10	91	49	1	130.00	9,900	1,199
	6	Hancock	US 22	0.00-0.60	198	76	0	330.00	15,750	1,913
x	4	Harrison	WV 20	13.20-14.90	371	115	2	218.24	10,000	1,993
x	4	Harrison	WV 20 S.B.	0.00-1.10	205	45	0	186.36	11,300	1,506
x	1	Kanawha	US 60	14.68-19.30	1,478	505	2	319.91	19,000	1,538
x	1	Kanawha	US 60 W.B.	4.38-6.02	514	158	1	313.41	12,000	2,385
	1	Kanawha	US 60 W.B.	7.18-7.83	87	27	0	133.85	9,100	1,343
	1	Kanawha	US 119 S.B.	0.50-1.10	112	57	1	186.67	17,800	958
	1	Kanawha	WV 25	7.90-8.80	179	82	0	198.89	14,500	1,253
	1	Kanawha	WV 601	1.00-1.80	66	27	0	82.50	7,600	991
x	4	Marion	US 19	8.60-11.10	458	161	0	183.20	14,000	1,195
	4	Marion	US 250	5.90-7.60	419	146	1	246.47	19,000	1,185
	6	Marshall	US 250	29.80-33.30	503	213	1	143.71	10,000	1,312
	6	Marshall	WV 2	18.60-19.70	183	53	0	166.36	8,700	1,746
	1	Mason	WV 62	21.00-22.00	152	59	0	152.00	10,000	1,388
	10	Mercer	WV 20	10.32-12.05	281	92	1	160.57	10,000	1,483
x	4	Monongalia	US 19	11.00-12.00	372	112	0	372.00	18,000	1,887
x	4	Monongalia	US 119	13.50-15.60	463	114	1	220.48	13,200	1,525
	4	Monongalia	WV 7	33.20-35.50	264	70	1	120.00	9,000	1,165
	5	Morgan	US 522	13.22-13.92	89	27	0	127.14	6,600	1,759
	6	Ohio	US 40	0.00-1.40	279	69	1	199.29	13,000	1,400
x	6	Ohio	US 40	2.50-4.60	372	156	0	177.14	16,000	1,011
x	6	Ohio	US 40	5.90-7.20	266	97	1	204.62	14,000	1,335
x	6	Ohio	US 250	0.91-2.84	490	142	0	253.89	14,500	1,599
x	6	Ohio	US 250 S.B.	0.00-1.30	377	114	0	290.00	17,500	1,513
	6	Ohio	WV 2	3.27-4.00	172	80	0	235.62	15,500	1,388
	6	Ohio	WV 88	0.50-1.20	85	18	0	121.43	8,200	1,352
	10	Raleigh	US 19	18.10-18.70	189	78	0	315.00	20,000	1,438
	7	Upshur	US 33	5.00-5.70	130	15	0	185.71	9,100	1,864
	6	Wetzel	WV 2	5.40-6.60	165	77	1	137.50	9,700	1,295
	3	Wood	WV 14	10.90-11.40	100	30	0	200.00	8,300	2,200
	3	Wood	WV 14	13.30-13.80	164	68	1	328.00	20,000	1,498
	3	Wood	WV 14	15.20-16.20	322	184	0	322.00	21,000	1,400
	3	Wood	WV 14	17.90-18.80	185	83	0	205.56	17,000	1,104
	3	Wood	WV 14 ALT.	0.10-2.00	240	116	0	126.32	9,500	1,214
x	3	Wood	WV 14 TRUCK	0.00-0.46	115	52	0	250.00	9,000	2,334
	3	Wood	WV 68	17.81-20.90	569	220	1	184.14	15,100	1,114
	3	Wood	WV 68 S.B.	0.00-1.10	205	57	0	186.36	15,000	1,135

* 3-Year Accident Rate (1978-1980) Per Hundred Million Vehicle Miles
x Critical Rate Site

TABLE F

1980 HIGH HAZARD LIST

URBAN PRIMARY 4 LANES

	DISTRICT	COUNTY	ROUTE	MILEPOST	3 YEAR ACCIDENTS			TOTAL	ADT	* RATE
					TOTAL	INJURED	KILLED	ACC/MILE		PER HMVM
x	2	Cabell	WV 10	17.10-18.61	574	86	1	380.10	12,000	2,893
x	2	Cabell	WV 527	0.46-1.30	222	36	0	264.29	9,900	2,438
	1	Kanawha	US 60	3.43-5.90	384	212	0	155.47	15,600	910
x	1	Kanawha	US 60	9.10-10.90	578	278	3	321.11	15,000	1,955
	1	Kanawha	US 60	13.90-14.67	225	76	0	292.21	15,000	1,779
x	1	Kanawha	US 119	13.70-14.80	423	199	2	384.55	15,500	2,266
	1	Kanawha	WV 25	11.70-12.30	109	52	0	181.67	22,000	754
	1	Kanawha	WV 114	0.10-1.00	133	71	0	147.78	15,500	870
	4	Monongalia	US 19	12.90-13.80	138	57	0	153.33	17,000	823
	9	Nicholas	US 19	11.30-11.90	38	33	1	63.33	6,200	933
x	3	Wood	US 50	1.02-2.16	505	198	1	442.98	16,000	2,528
x	3	Wood	WV 14	12.30-13.00	197	98	0	281.43	19,800	1,298
	3	Wood	WV 95	5.10-6.00	90	65	0	100.00	10,000	913

TABLE G

1980 HIGH HAZARD LIST

COUNTY ROUTES OVER 1,000 ADT

	DISTRICT	COUNTY	ROUTE	MILEPOST	3 YEAR ACCIDENTS			TOTAL	ADT	* RATE
					TOTAL	INJURED	KILLED	ACC/MILE		PER HMVM
	2	Cabell	Co.Rt. 60/5	1.72-2.70	61	5	0	62.24	4,400	1,292
	4	Harrison	Co.Rt. 24	0.00-0.70	43	11	0	61.43	5,600	1,002
x	4	Harrison	Co.Rt. 24	6.50-7.40	35	21	0	38.89	2,200	1,614
x	3	Jackson	Co.Rt. 21	16.30-17.20	28	25	1	31.11	3,400	836
	1	Kanawha	Co.Rt. 3	6.60-7.30	68	34	1	97.14	7,200	1,232
	1	Kanawha	Co.Rt. 12	4.80-5.90	84	51	0	76.36	4,200	1,660
	1	Kanawha	Co.Rt. 21	0.00-2.80	228	170	2	81.43	9,000	826
	1	Kanawha	Co.Rt. 22	0.00-0.80	41	19	0	51.25	1,000	4,680
	1	Kanawha	Co.Rt. 23	0.00-0.60	29	17	0	48.33	3,000	1,471
	1	Kanawha	Co.Rt. 47	0.70-1.50	22	17	0	27.50	3,400	739
	1	Kanawha	Co.Rt. 73	0.00-3.50	156	86	0	44.57	6,000	678
	1	Kanawha	Co.Rt. 60/12	3.90-6.40	135	58	2	54.00	7,000	705
	1	Kanawha	Co.Rt. 60/62	0.00-0.50	87	27	0	174.00	20,000	795
	1	Kanawha	Co.Rt. 60/63	0.00-0.50	111	56	0	222.00	15,100	1,343
	4	Marion	Co.Rt. 33	0.00-2.30	44	32	1	19.13	2,400	728
	4	Marion	Co.Rt. 64	2.30-3.20	25	6	0	27.78	3,500	725
	10	Mercer	Co.Rt. 16	0.10-1.10	29	17	1	29.00	2,400	1,104
	4	Monongalia	Co.Rt. 57	0.00-0.90	79	16	0	87.78	2,200	3,644
x	4	Monongalia	Co.Rt. 857	12.70-15.30	64	46	3	24.62	1,500	1,499
	1	Putnam	Co.Rt. 33	0.00-0.60	28	14	0	46.67	4,000	1,065
	2	Wayne	Co.Rt. 7	19.70-20.20	60	14	0	120.00	3,700	2,962
	3	Wood	Co.Rt. 32	0.30-2.60	145	85	0	63.04	4,100	1,404

* 3-Year Accident Rate (1978-1980) Per Hundred Million Vehicle Miles
x Critical Rate Site

CRITICAL ACCIDENT RATE LOCATION

SUMMARY

(1978-80)

HIGHWAY TYPE AND SITE NUMBERS	NUMBER OF LOCATIONS	TOTAL MILEAGE	TOTAL ACCIDENTS	TOTAL INJURED	TOTAL KILLED	* RATE PER HMVM
Rural Interstate Sites 10,11,20,39,48,66	6	18.10 miles	604	330	12	153
Urban Interstate Site 65	1	3.00 miles	600	273	0	522
Rural Primary Two Lane Sites 1,2,3,4,5,13,14,15,16, 22,23,24,32,33,34,35,36,37, 38,40,41,43,44,45,47,49,50, 54,55,67,68,70,71,73,74,76,80	37	57.03 miles	2,811	1,632	20	1,014
Rural Primary Four Lane Sites 6,8,12,17,25,26,29, 42,51,52,53,57,60,69,71,79	16	21.54 miles	2,526	1,683	23	780
Urban Primary Two Lane Sites 18,19,28,30,46,56,58, 61,62,63,64,78	12	21.75 miles	5,481	1,771	7	1,542
Urban Primary Four Lane Sites 7,9,27,31,75,77	6	7.09 miles	2,499	895	7	2,225
Rural County Route Sites 21,59	2	3.50 miles	99	67	3	1,538
GRAND TOTAL	80	132.01 miles	14,620	6,651	72	923

* 3 Year Accident Rate Per Hundred Million Vehicle Miles

1980 CRITICAL ACCIDENT RATE LOCATIONS

LOCATION				ACCIDENTS	NUMBER OF PERSONS		* RATE
SITE	COUNTY	ROUTE	MILEPOST	NUMBER	INJURED	KILLED	PER HMVM
1	Berkeley	US 11	4.50-5.40	56	34	1	1,136
2	Boone	US 119	27.00-28.00	67	51	0	927
3	Boone	WV 3	2.30-3.40	27	6	0	1,180
4	Brooke	WV 27 ALT.	0.80-4.10	139	71	0	1,479
5	Brooke	WV 67	0.70-2.50	50	23	0	1,268
6	Cabell	US 60	7.40-12.10	909	479	5	818
7	Cabell	WV 10	17.10-18.61	574	86	1	2,893
8	Cabell	WV 152	1.06-1.43	34	25	0	912
9	Cabell	WV 527	0.46-1.30	222	36	0	2,438
10	Cabell	I-64	7.60-11.60	113	53	5	151
11	Cabell	I-64	12.90-15.20	79	29	0	171
12	Fayette	US 19	5.70-6.80	68	51	2	491
13	Fayette	US 60	44.00-46.06	56	45	0	955
14	Hampshire	US 50	23.40-24.40	34	24	1	1,350
15	Hancock	US 30	1.40-2.70	74	47	1	825
16	Hancock	WV 2	17.80-19.50	109	53	0	1,464
17	Harrison	US 50	17.72-18.29	157	115	0	1,094
18	Harrison	WV 20	13.20-14.90	371	115	2	1,993
19	Harrison	WV 20 S.B.	0.00-1.10	205	45	0	1,506
20	Harrison	I-79	118.40-121.40	66	40	1	134
21	Harrison	Co.Rt. 24	6.50-7.40	35	21	0	1,614
22	Jefferson	WV 9	11.60-14.70	137	95	0	917
23	Jefferson	WV 9	15.30-16.20	30	27	0	982
24	Kanawha	US 35	0.00-1.30	93	53	1	961
25	Kanawha	US 60	2.30-3.42	122	98	0	829
26	Kanawha	US 60	6.40-8.40	325	255	4	746
27	Kanawha	US 60	9.10-10.90	578	278	3	1,955

* 3-Year Accident Rate (1978-1980) Per Hundred Million Vehicle Miles

1980 CRITICAL ACCIDENT RATE LOCATIONS

LOCATION				ACCIDENTS	NUMBER OF PERSONS		* RATE
SITE	COUNTY	ROUTE	MILEPOST	NUMBER	INJURED	KILLED	PER HMVM
28	Kanawha	US 60	14.68-19.30	1,478	505	2	1,538
29	Kanawha	US 60	21.73-24.60	294	192	9	693
30	Kanawha	US 60 W.B.	4.38-6.02	514	158	1	2,385
31	Kanawha	US 119	13.70-14.80	423	199	2	2,266
32	Kanawha	WV 61	9.90-11.70	170	89	2	1,414
33	Kanawha	WV 62	0.35-2.50	92	51	0	850
34	Kanawha	WV 62	6.10-7.20	91	50	0	910
35	Kanawha	WV 114	2.60-6.60	173	120	1	648
36	Kanawha	WV 214	0.50-2.10	84	56	0	978
37	Kanawha	WV 214	6.70-9.40	197	123	0	1,449
38	Kanawha	WV 501	1.40-2.20	30	16	0	1,370
39	Kanawha	I-64	46.80-50.50	193	129	4	167
40	Lewis	US 19	25.30-26.80	66	75	1	913
41	Logan	US 119	2.90-5.20	114	57	0	767
42	Logan	US 119	18.70-19.90	53	40	1	733
43	Logan	WV 10	28.60-29.20	35	17	0	1,903
44	Logan	WV 17	0.00-0.80	45	11	1	1,223
45	Logan	WV 17	3.60-4.30	23	11	0	1,000
46	Marion	US 19	8.60-11.10	458	161	0	1,195
47	Marion	WV 310	4.60-6.40	46	26	0	1,111
48	Marion	I-79	131.30-133.10	49	34	1	143
49	Marshall	WV 88	2.30-3.70	41	22	0	1,029
50	Mason	WV 2	3.60-4.50	24	21	0	937
51	Mercer	US 19	4.93-5.80	39	68	0	460
52	Mercer	US 19	8.30-9.20	48	31	0	487
53	Mercer	US 460	14.70-16.20	x 25	x 23	x 0	x 544
54	Mercer	WV 123	4.70-5.70	23	24	1	1,000

x - 1980 DATA ONLY

* 3-Year Accident Rate (1978-1980) Per Hundred Million Vehicle Miles

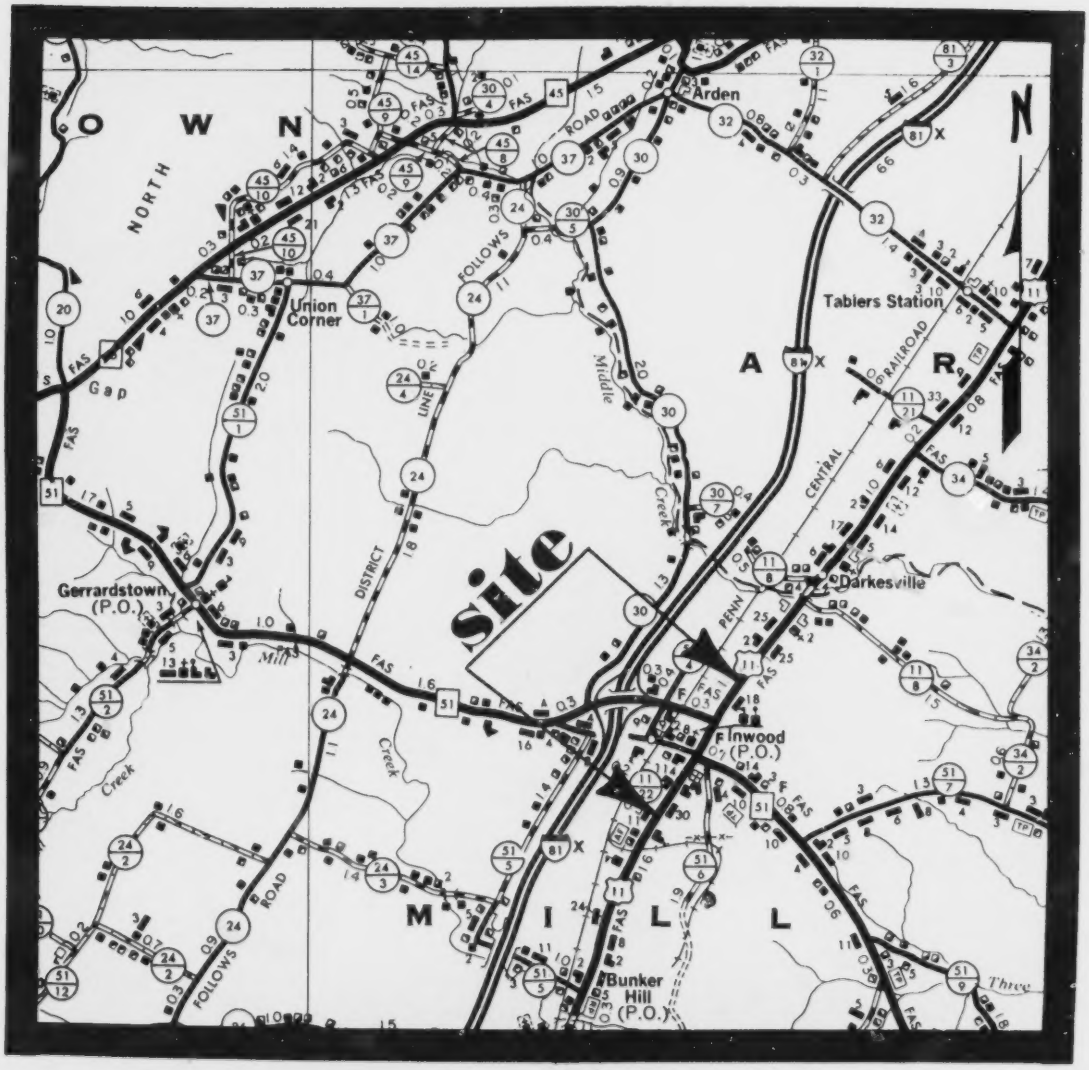
1980 CRITICAL ACCIDENT RATE LOCATIONS

LOCATION				ACCIDENTS	NUMBER OF PERSONS		* RATE
SITE	COUNTY	ROUTE	MILEPOST	NUMBER	INJURED	KILLED	PER HMVM
55	Mingo	US 52	16.70-18.90	91	50	4	1,111
56	Monongalia	US 19	11.00-12.00	372	112	0	1,887
57	Monongalia	US 119	11.90-12.28	102	60	0	1,961
58	Monongalia	US 119	13.50-15.60	463	114	1	1,525
59	Monongalia	Co.Rt.857	12.70-15.30	64	46	3	1,499
60	Nicholas	US 19	13.70-14.30	xx 27	xx 31	xx 1	xx 994
61	Ohio	US 40	2.50-4.60	372	156	0	1,011
62	Ohio	US 40	5.90-7.20	266	97	1	1,335
63	Ohio	US 250	0.91-2.84	490	142	0	1,599
64	Ohio	US 250S.B.	0.00-1.30	377	114	0	1,513
65	Ohio	I-70	0.00-3.00	600	273	0	522
66	Ohio	I-70	8.30-11.60	104	45	1	144
67	Preston	WV 7	2.80-4.30	66	44	1	837
68	Putnam	WV 34	13.90-15.70	121	69	2	990
69	Raleigh	WV 16	13.90-15.50	230	164	1	815
70	Raleigh	WV 16	23.09-25.40	79	49	0	1,041
71	Raleigh	WV 41	2.90-3.90	66	51	0	849
72	Randolph	US 219	37.20-38.50	62	38	0	544
73	Upshur	WV 20	23.20-24.25	119	36	1	796
74	Webster	WV 20	19.10-20.01	30	9	2	1,115
75	Wood	US 50	1.02-2.16	505	198	1	2,528
76	Wood	US 50	3.45-4.00	84	49	0	1,213
77	Wood	WV 14	12.30-13.00	197	98	0	1,298
78	Wood	WV 14TRUCK	0.00-0.46	115	52	0	2,334
79	Wood	WV 47	2.64-3.10	31	13	0	1,256
80	Wyoming	WV 16	28.30-29.40	29	13	0	1,605

xx - 1979 & 1980 DATA

* 3-Year Accident Rate (1978-1980) Per Hundred Million Vehicle Miles

Critical Rate Location #1
Berkeley County - US 11
Milepost 4.50 - 5.40
Total Accidents - 56
Injured 34 - Killed 1
3 Year Accident Rate-1,136



GENERAL HIGHWAY MAP

BERKELEY COUNTY
WEST VIRGINIA

(1)

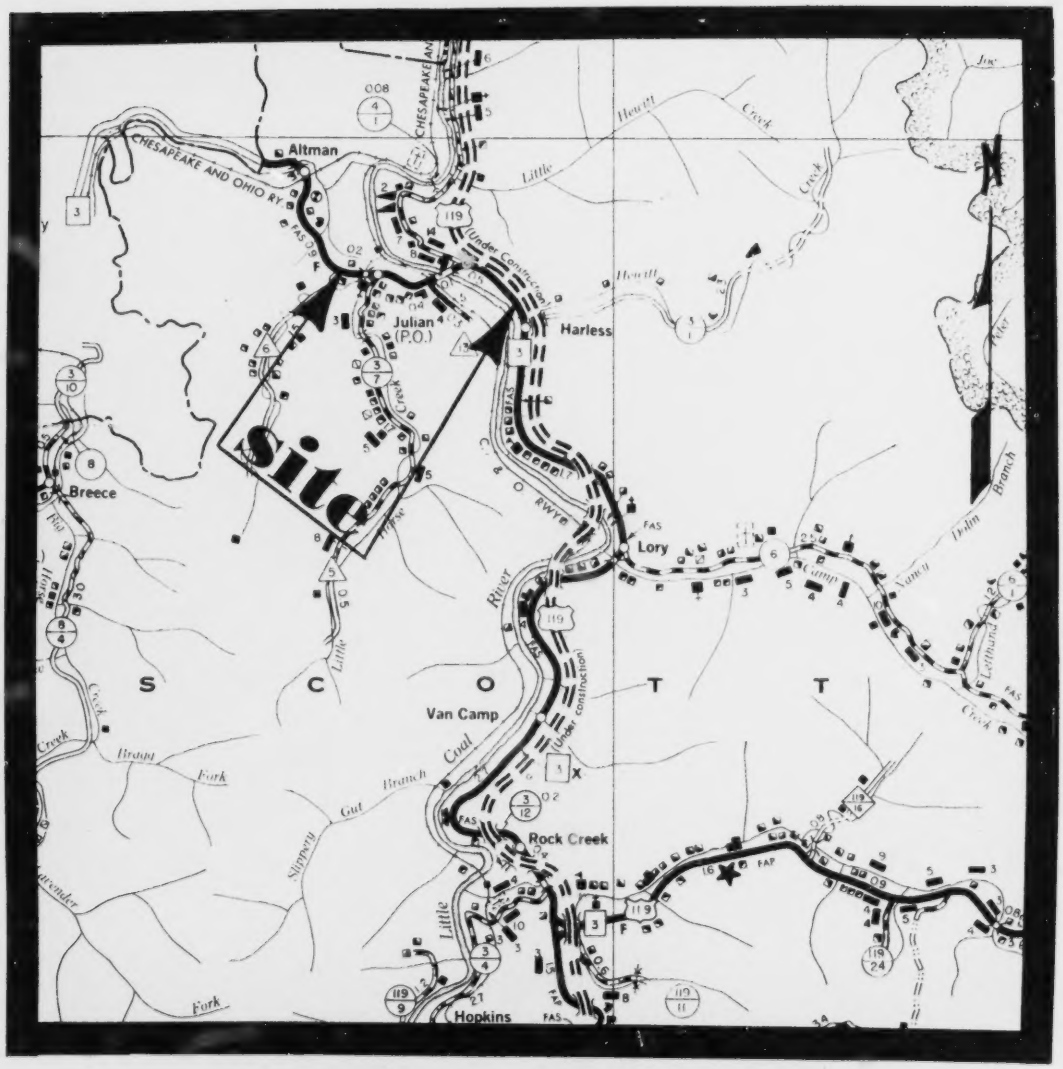
Critical Rate Location #2
Boone County - US 119
Milepost 27.00 - 28.00
Total Accidents 67
Injured 51 - Killed 0
3 Year Accident Rate - 927

GENERAL HIGHWAY MAP

BOONE COUNTY
WEST VIRGINIA

(2)

Critical Rate Location #3
Boone County - WV 3
Milepost 2.30 - 3.40
Total Accidents - 27
Injured 6 - Killed 0
3 Year Accident Rate-1,180

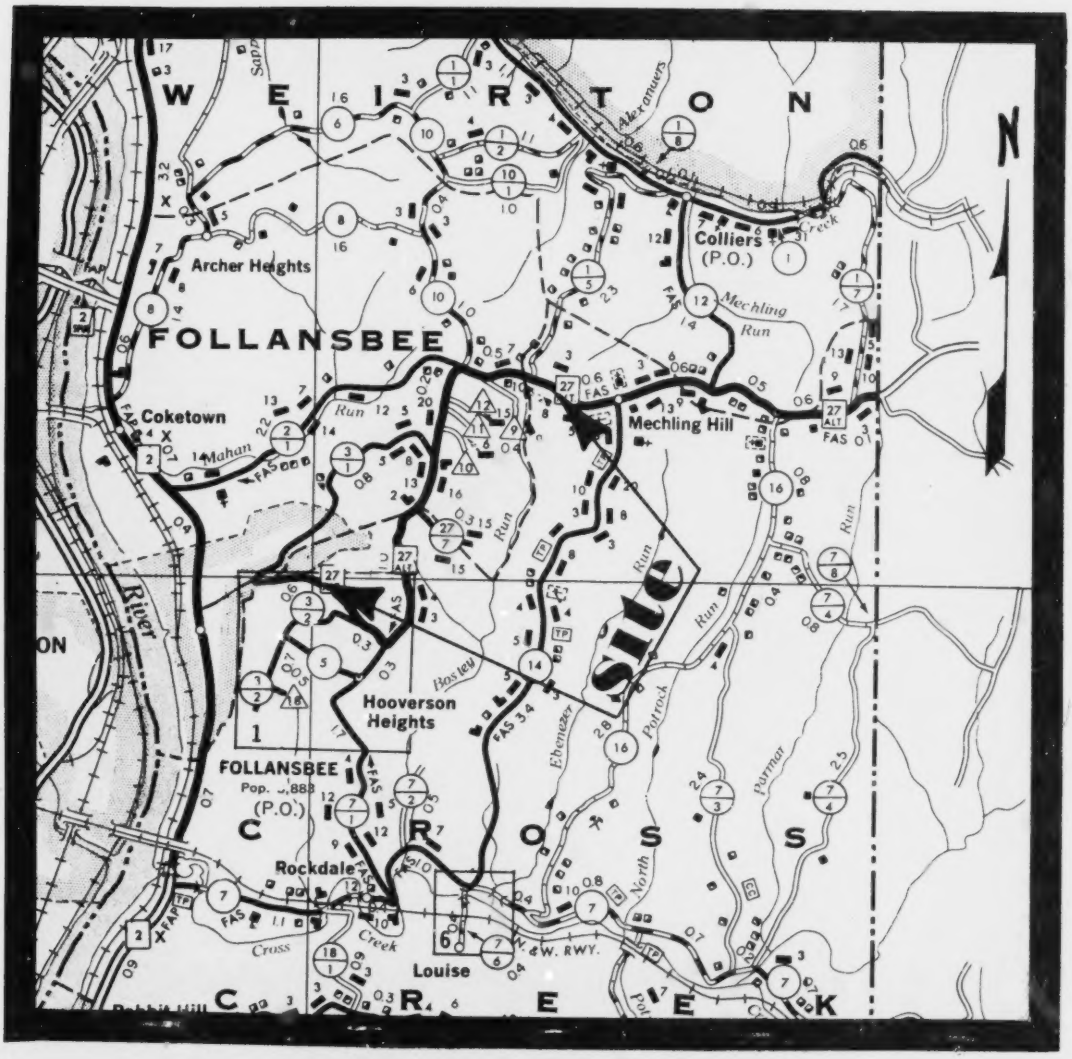


GENERAL HIGHWAY MAP

BOONE COUNTY
WEST VIRGINIA

(3)

Critical Rate Location #4
Brooke County - WV 27 ALT.
Milepost 0.80 - 4.10
Total Accidents - 139
Injured 71 - Killed 0
3 Year Accident Rate - 1,479



GENERAL HIGHWAY MAP

BROOKE COUNTY
WEST VIRGINIA

(4)

Critical Rate Location #5
Brooke County - WV 67
Milepost 0.70 - 2.50
Total Accidents - 50
Injured 23, Killed 0
3 Year Accident Rate - 1,268

GENERAL HIGHWAY MAP

BROOKE COUNTY
WEST VIRGINIA

(5)

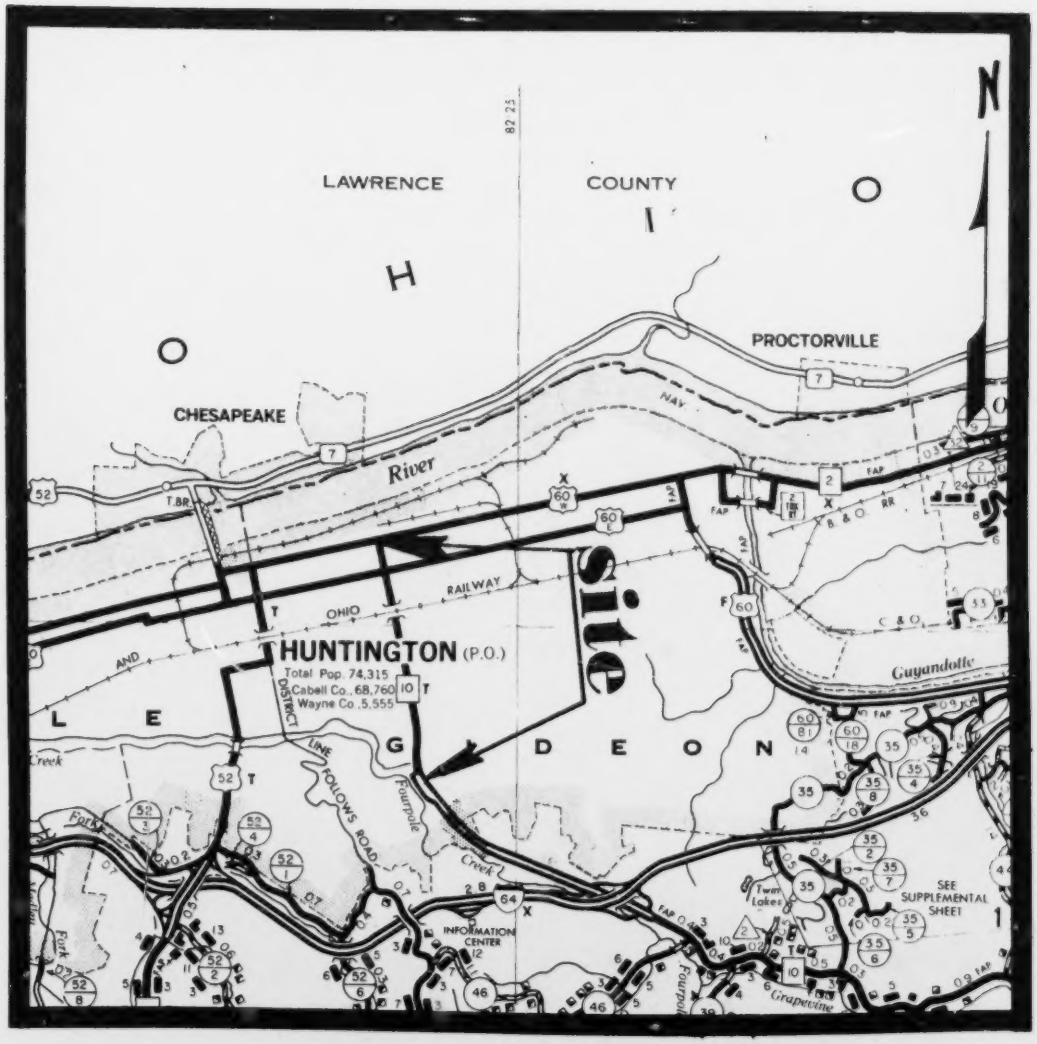
Critical Rate Location #6
Cabell County - US 60
Milepost 7.40 - 12.10
Total Accidents - 909
Injured 479, Killed 5
3 Year Accident Rate - 818

GENERAL HIGHWAY MAP

CABELL COUNTY
WEST VIRGINIA

(6)

Critical Rate Location #7
Cabell County - WV 10
Milepost 17.10 - 18.61
Total Accidents - 574
Injured 86, Killed 1
3 Year Accident Rate 2,893

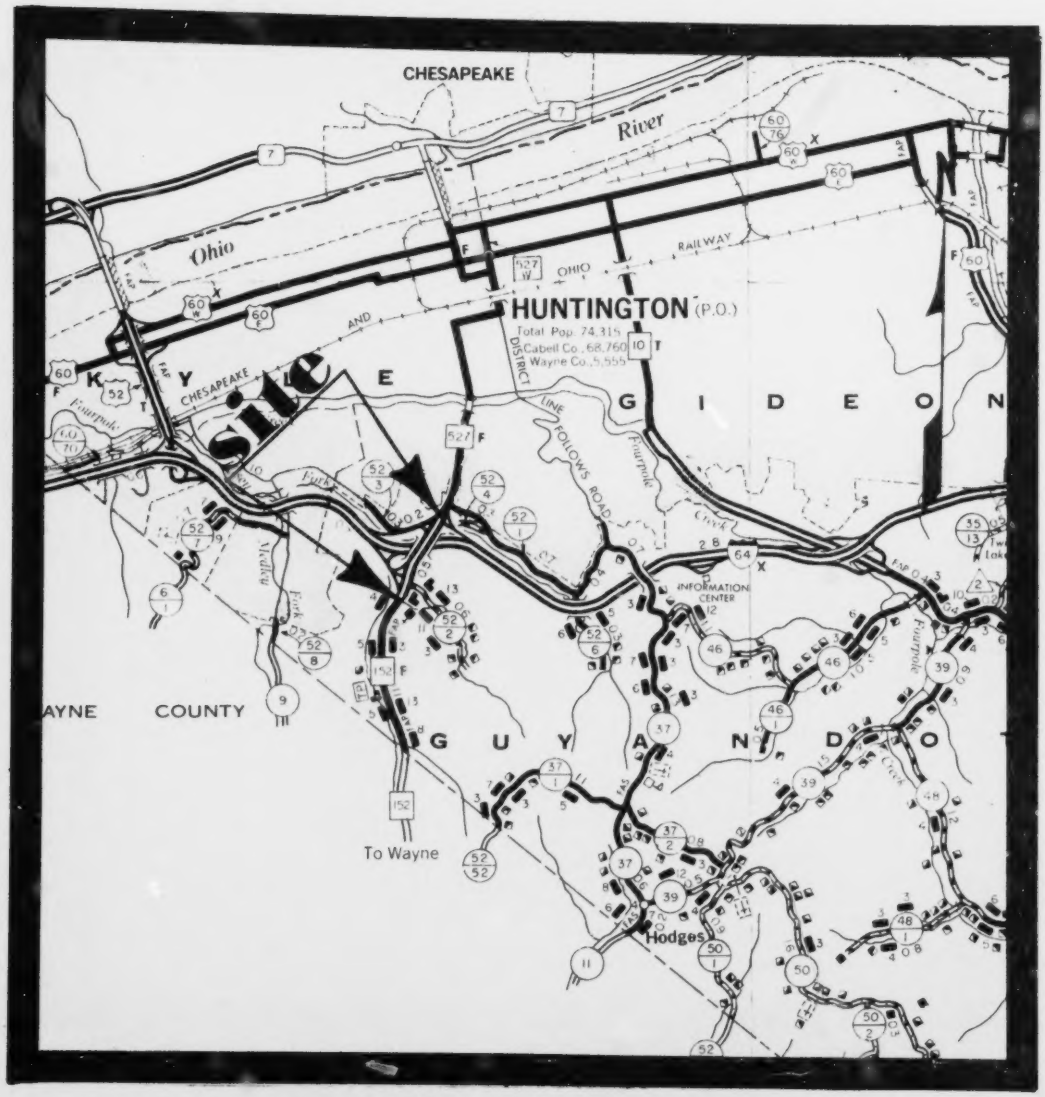


GENERAL HIGHWAY MAP

CABELL COUNTY
WEST VIRGINIA

(7)

Critical Rate Location #8
Cabell County - WV 152
Milepost 1.06 - 1.43
Total Accidents 34
Injured 25, Killed 0
3 Year Accident Rate - 912

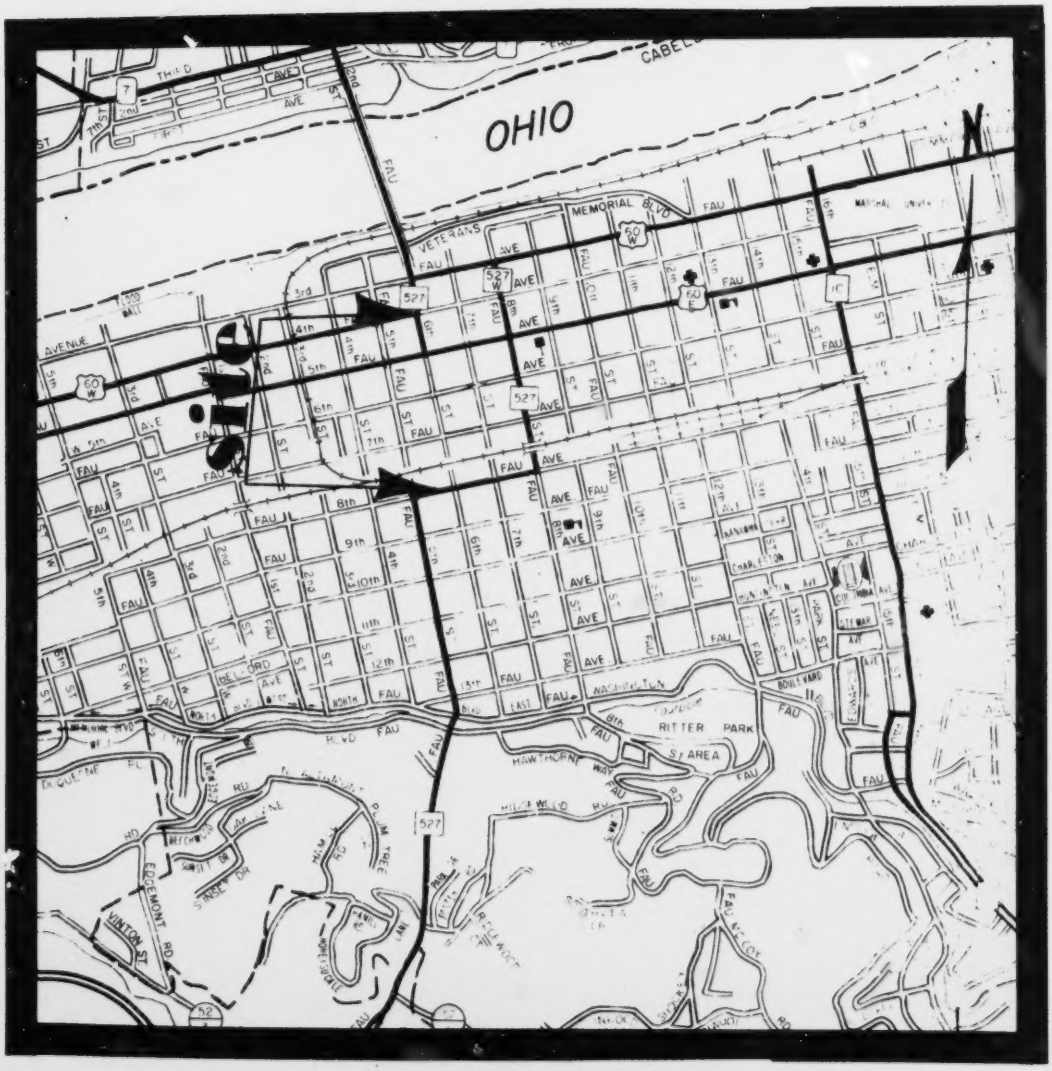


GENERAL HIGHWAY MAP

CABELL COUNTY
WEST VIRGINIA

(8)

Critical Rate Location #9
Cabell County - WV 527
Milepost 0.46 - 1.30
Total Accidents - 222
Injured 36, Killed 0
3 Year Accident Rate - 2,438

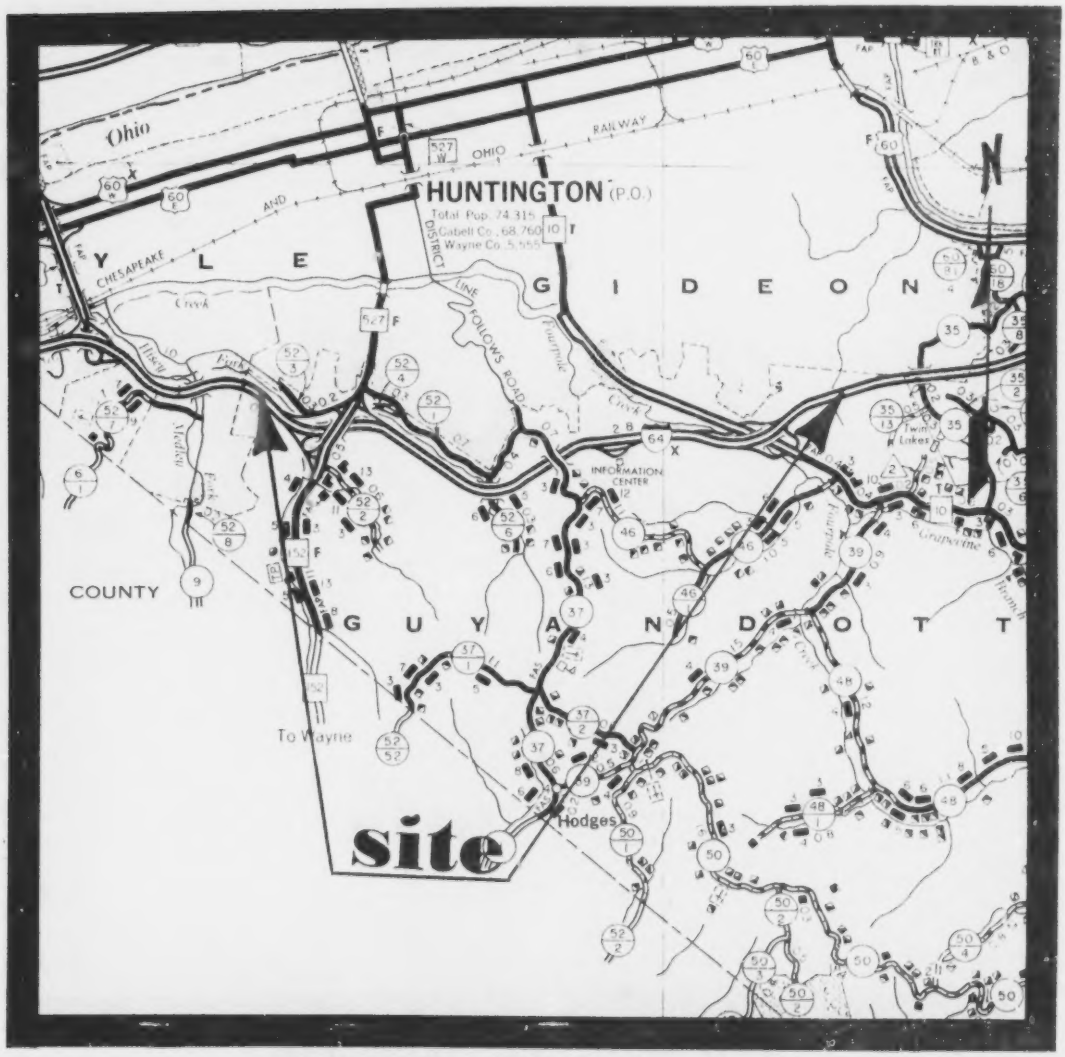


HUNTINGTON

CABELL AND WAYNE COUNTIES

9

Critical Rate Location #10
Cabell County - I-64
Milepost 7.60 - 11.60
Total Accidents - 113
Injured 53, Killed 5
3 Year Accident Rate - 151



GENERAL HIGHWAY MAP

CABELL COUNTY
WEST VIRGINIA

(10)

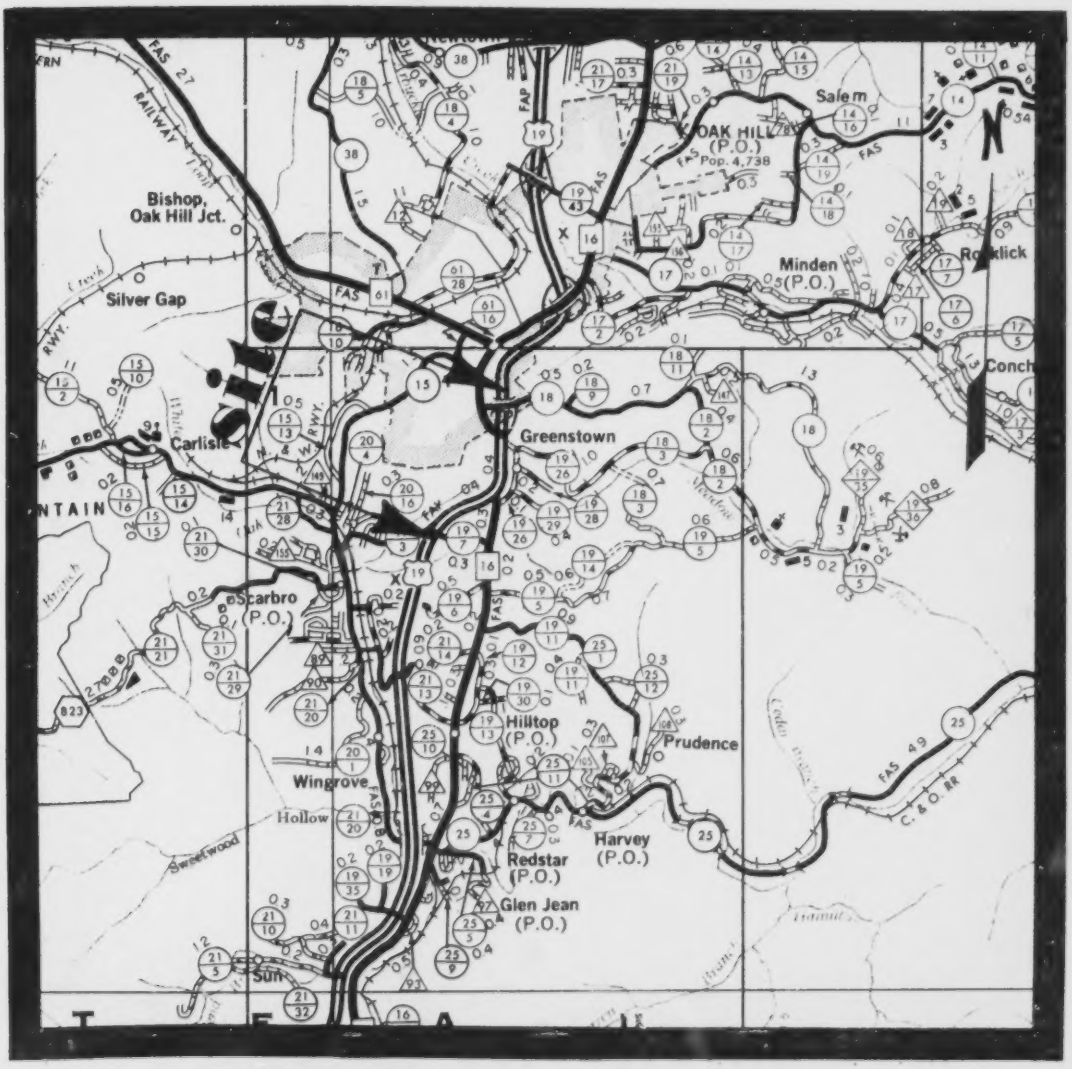
Critical Rate Location #11
Cabell County - I-64
Milepost 12.90 - 15.20
Total Accidents - 79
Injured 29, Killed 0
3 Year Accident Rate - 171

GENERAL HIGHWAY MAP

CABELL COUNTY
WEST VIRGINIA

(11)

Critical Rate Location #12
Fayette County - US 19
Milepost 5.70 - 6.80
Total Accidents - 68
Injured 51, Killed 2
3 Year Accident Rate - 491



GENERAL HIGHWAY MAP

FAYETTE COUNTY
WEST VIRGINIA

(12)

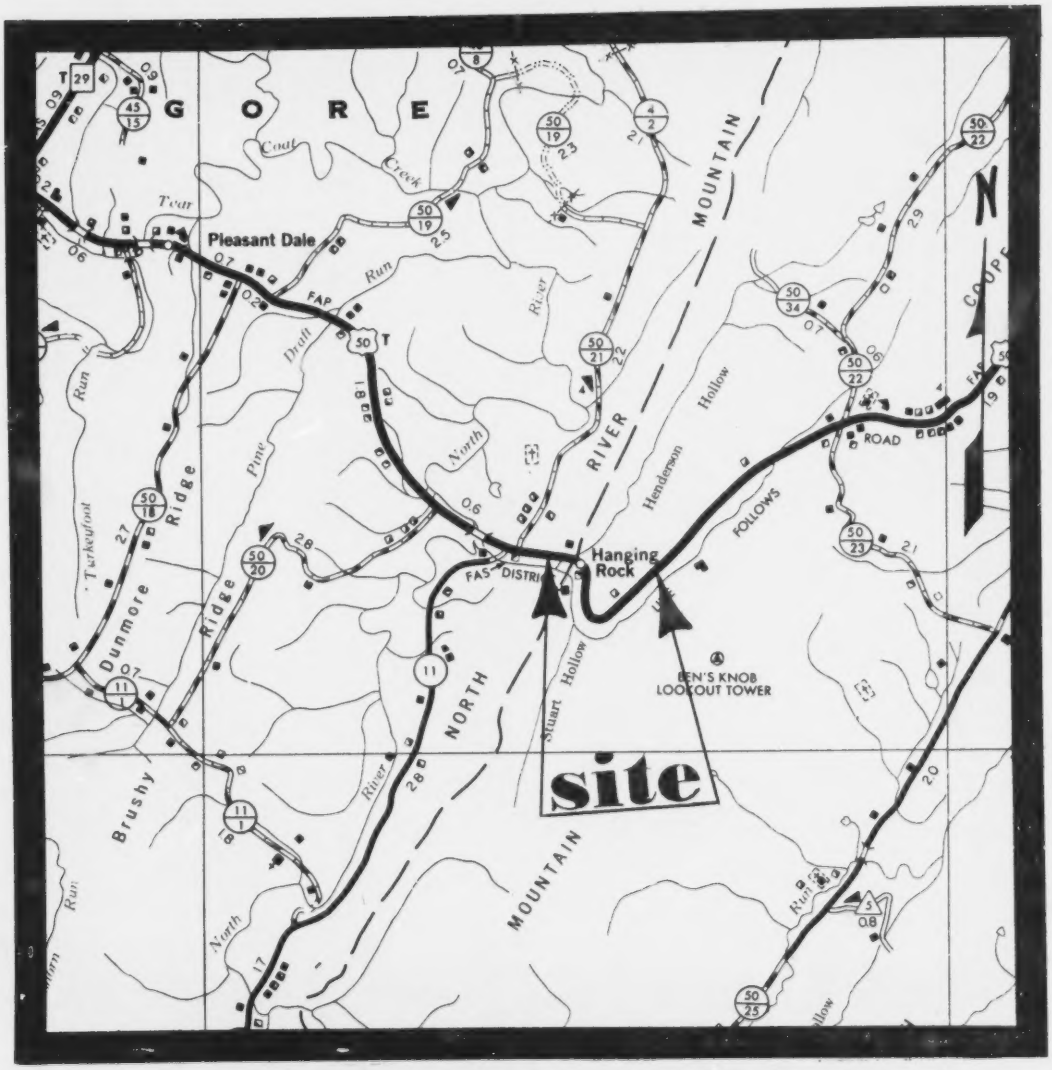
Critical Rate Location #13
Fayette County - US 60
Milepost 44.00-46.06
Total Accidents - 56
Injured 45, Killed 0
3 Year Accident Rate - 955

GENERAL HIGHWAY MAP

FAYETTE COUNTY
WEST VIRGINIA

(13)

Critical Rate Location #14
Hampshire County - US 50
Milepost 23.40 - 24.40
Total Accidents 34
Injured 24, Killed 1
3 Year Accident Rate - 1,350



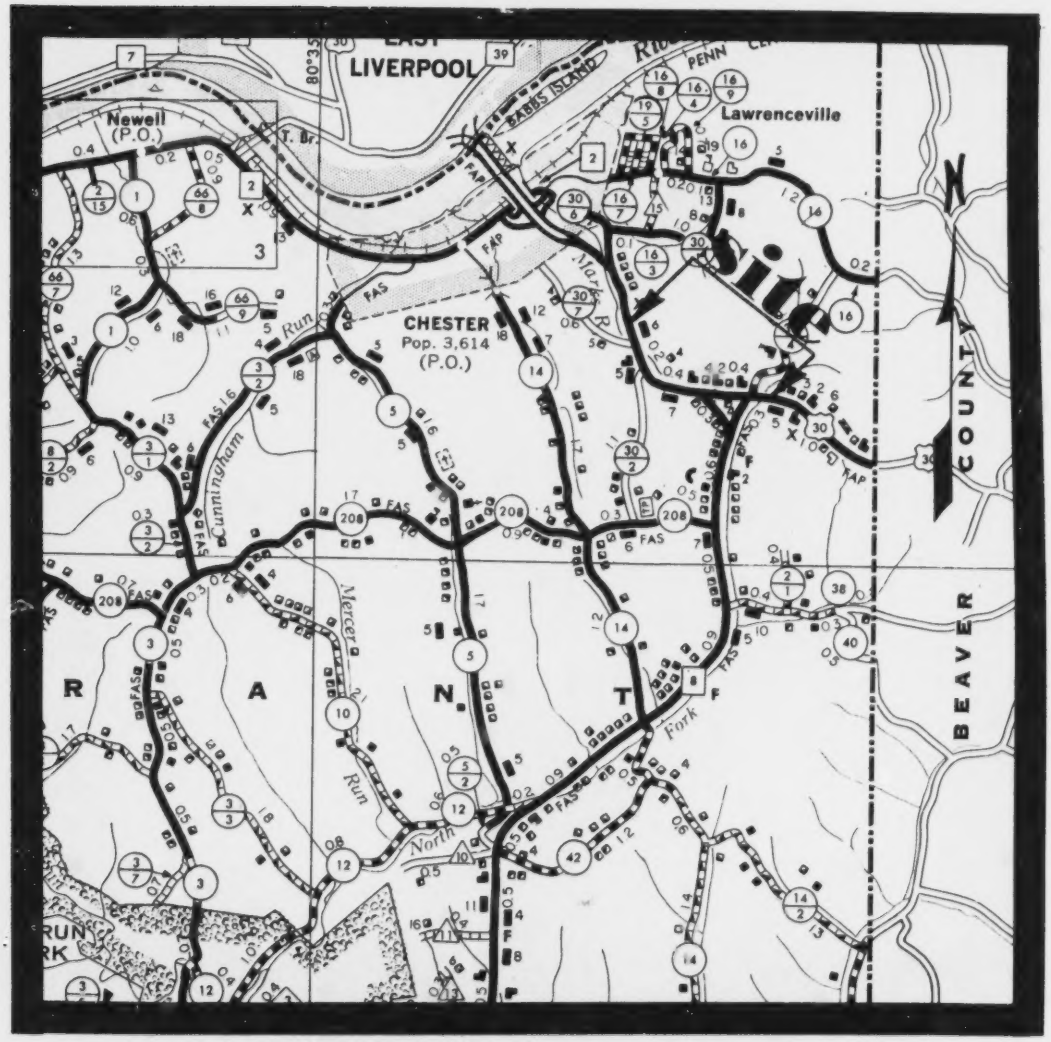
GENERAL HIGHWAY MAP

HAMPSHIRE COUNTY

WEST VIRGINIA

(14)

Critical Rate Location # 15
Hancock County - US 30
Milepost 1.40 - 2.70
Total Accidents - 74
Injured 47, Killed 1
3 Year Accident Rate - 825



GENERAL HIGHWAY MAP

HANCOCK COUNTY
WEST VIRGINIA

(15)

Critical Rate Location #16
Hancock County - WV 2
Milepost 17.80 - 19.50
Total Accidents 109
Injured 53, Killed 0
3 Year Accident Rate - 1,464

GENERAL HIGHWAY MAP

HANCOCK COUNTY
WEST VIRGINIA

16

Critical Rate Location #17
Harrison County - US 50
Milepost 17.72 - 18.29
Total Accidents - 157
Injured 115, Killed 0
3 Year Accident Rate - 1,094

GENERAL HIGHWAY MAP

HARRISON COUNTY
WEST VIRGINIA

(17)

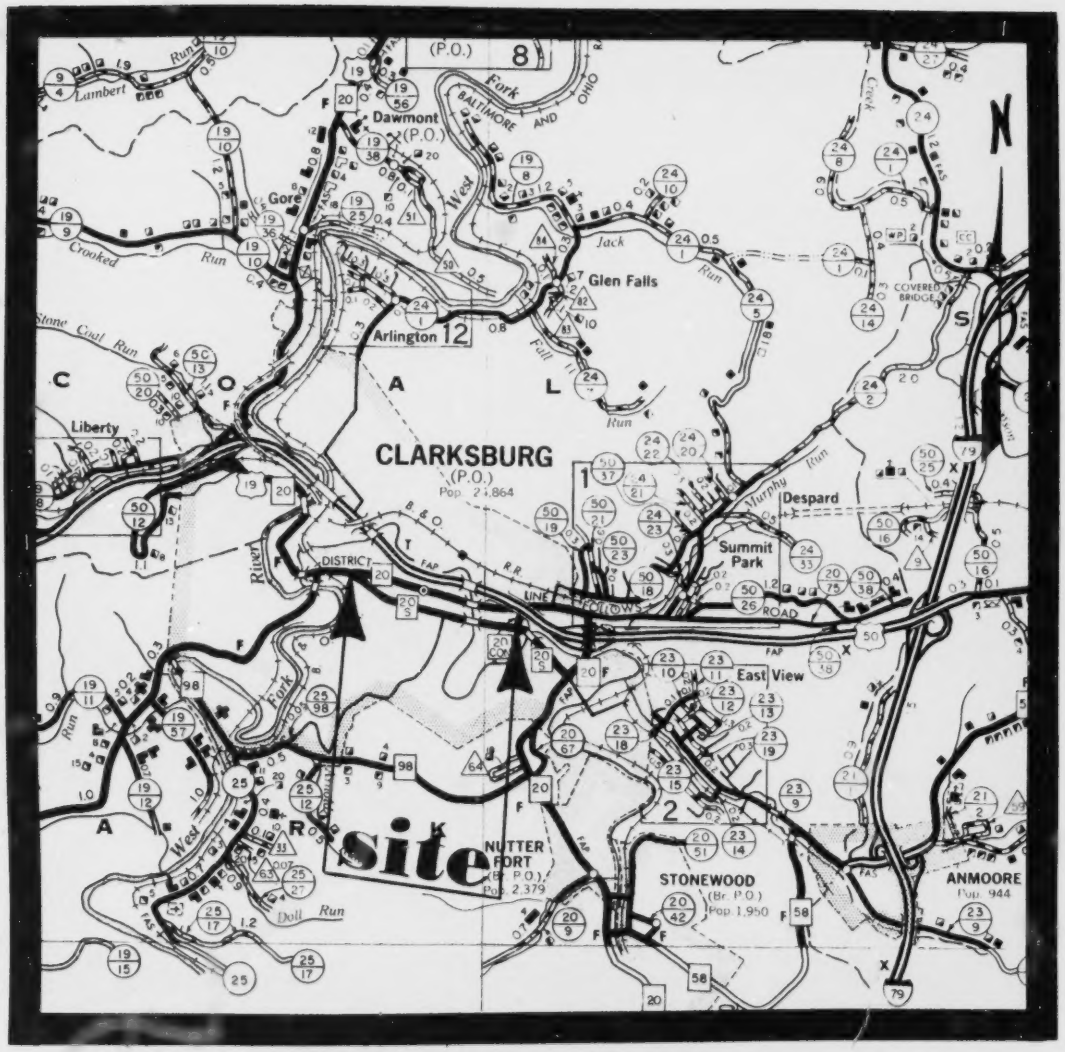
Critical Rate Location #18
Harrison County - WV 20
Milepost 13.20 - 14.90
Total Accidents - 371
Injured 115 - Killed 2
3 Year Accident Rate - 1,993

GENERAL HIGHWAY MAP

HARRISON COUNTY
WEST VIRGINIA

18

Critical Rate Location #19
Harrison County - WV 20 SB
Milepost 0.00-1.10
Total Accidents - 205
Injured 45, Killed 0
3 Year Accident Rate - 1,506

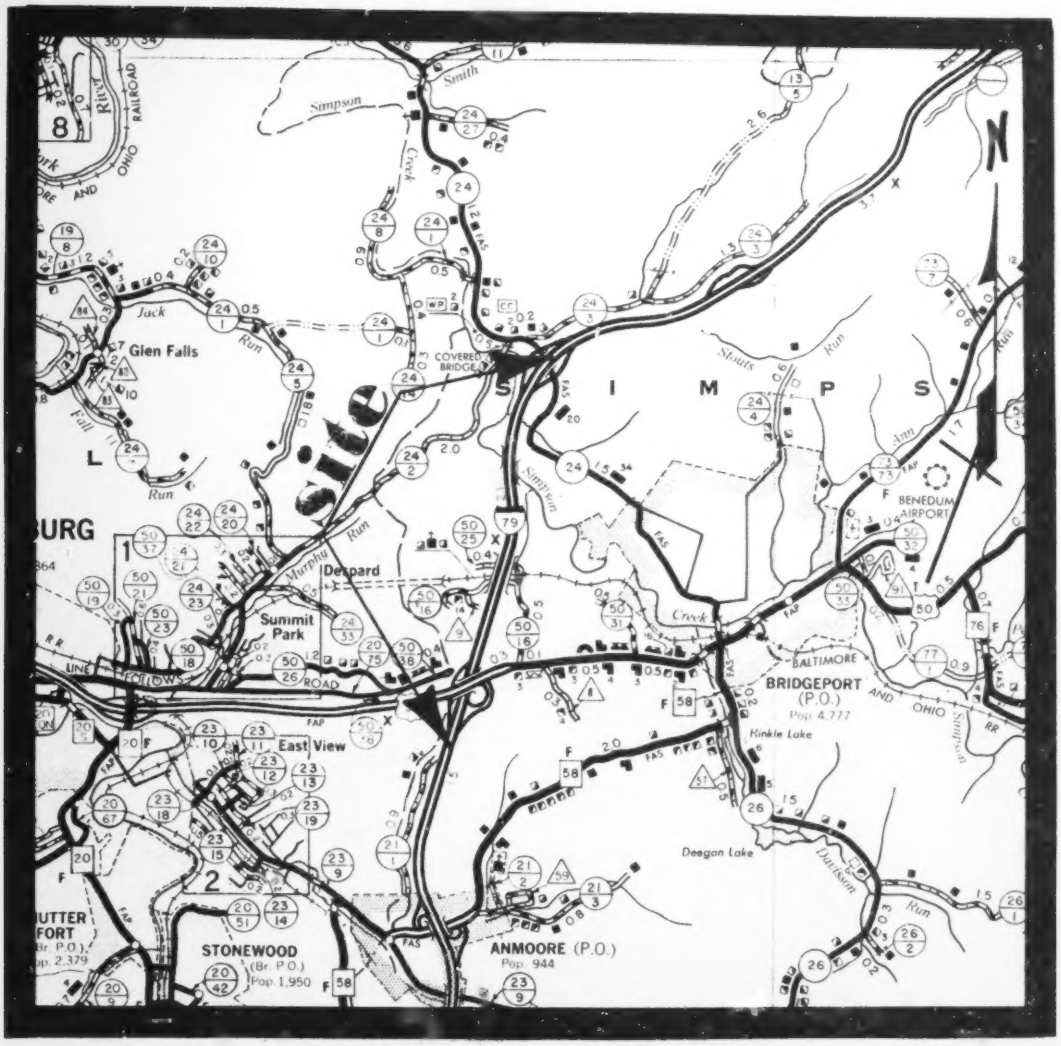


GENERAL HIGHWAY MAP

HARRISON COUNTY
WEST VIRGINIA

19

Critical Rate Location #20
Harrison County - I-79
Milepost 118.40-121.40
Total Accidents 66
Injured 40, Killed 1
3 Year Accident Rate - 134

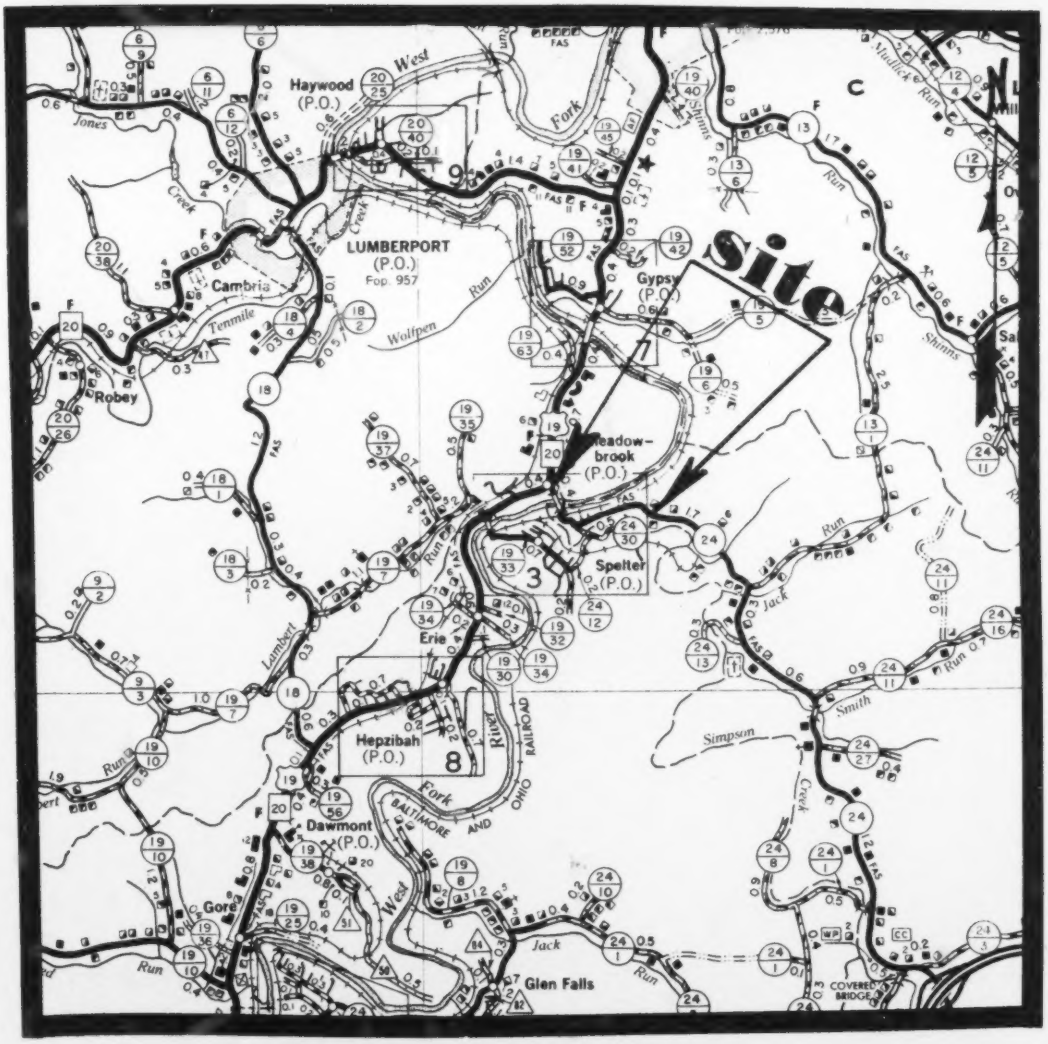


GENERAL HIGHWAY MAP

HARRISON COUNTY
WEST VIRGINIA

20

Critical Rate Location #21
Harrison County - CR 24
Milepost 6.50 - 7.40
Total Accidents - 35
Injured 21, Killed 0
3 Year Accident Rate - 1,614

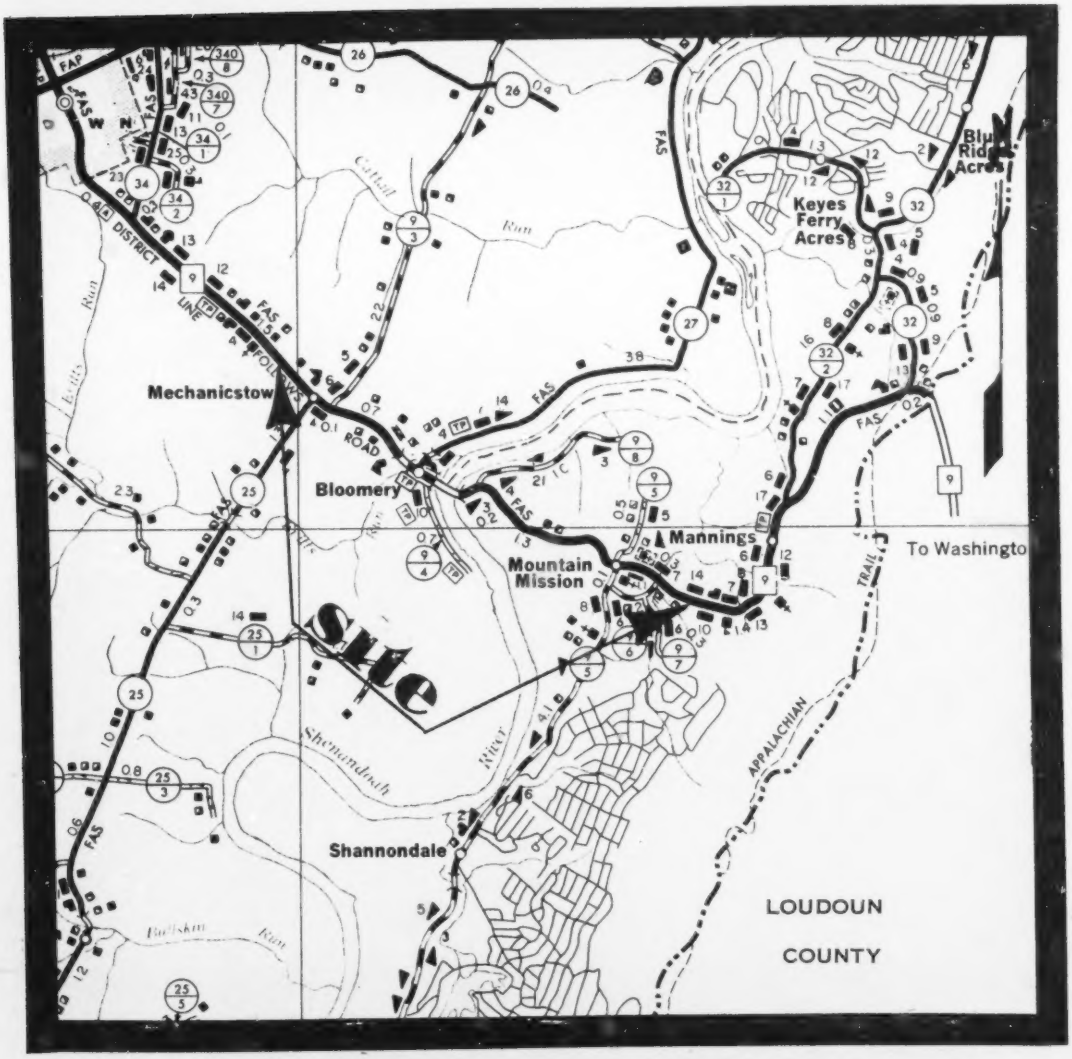


GENERAL HIGHWAY MAP

HARRISON COUNTY
WEST VIRGINIA

(21)

Critical Rate Location #22
Jefferson County - WV 9
Milepost 11.60 - 14.70
Total Accidents 137
Injured 95, Killed 0
3 Year Accident Rate - 917

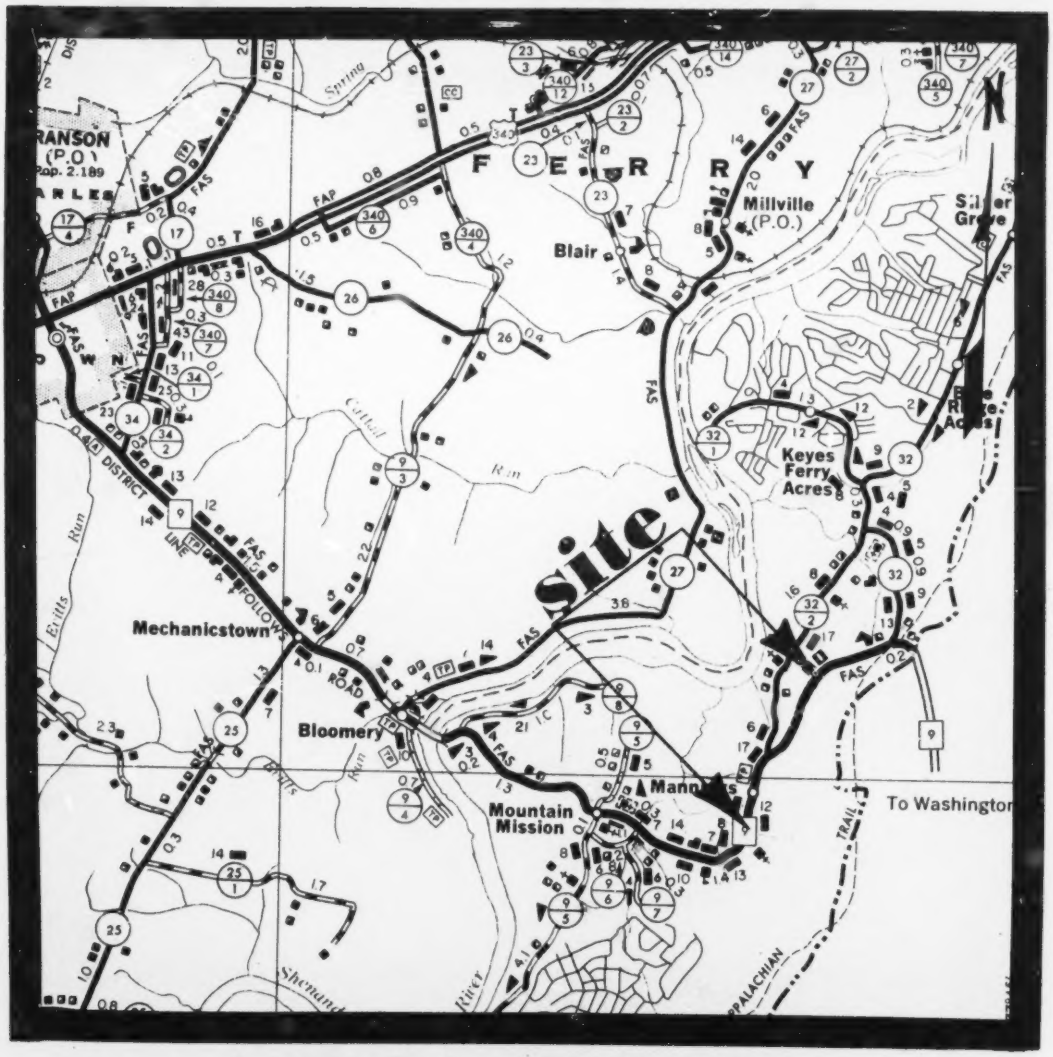


GENERAL HIGHWAY MAP

JEFFERSON COUNTY
WEST VIRGINIA

22

Critical Rate Location #23
Jefferson County - WV 9
Milepost 15.30 - 16.20
Total Accidents 30
Injured 27, Killed 0
3 Year Accident Rate - 982



GENERAL HIGHWAY MAP

JEFFERSON COUNTY
WEST VIRGINIA

(23)

Critical Rate Location #24
Kanawha County - US 35
Milepost 0.00-1.30
Total Accidents 93
Injured 53, Killed 1
3 Year Accident Rate - 961

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

24

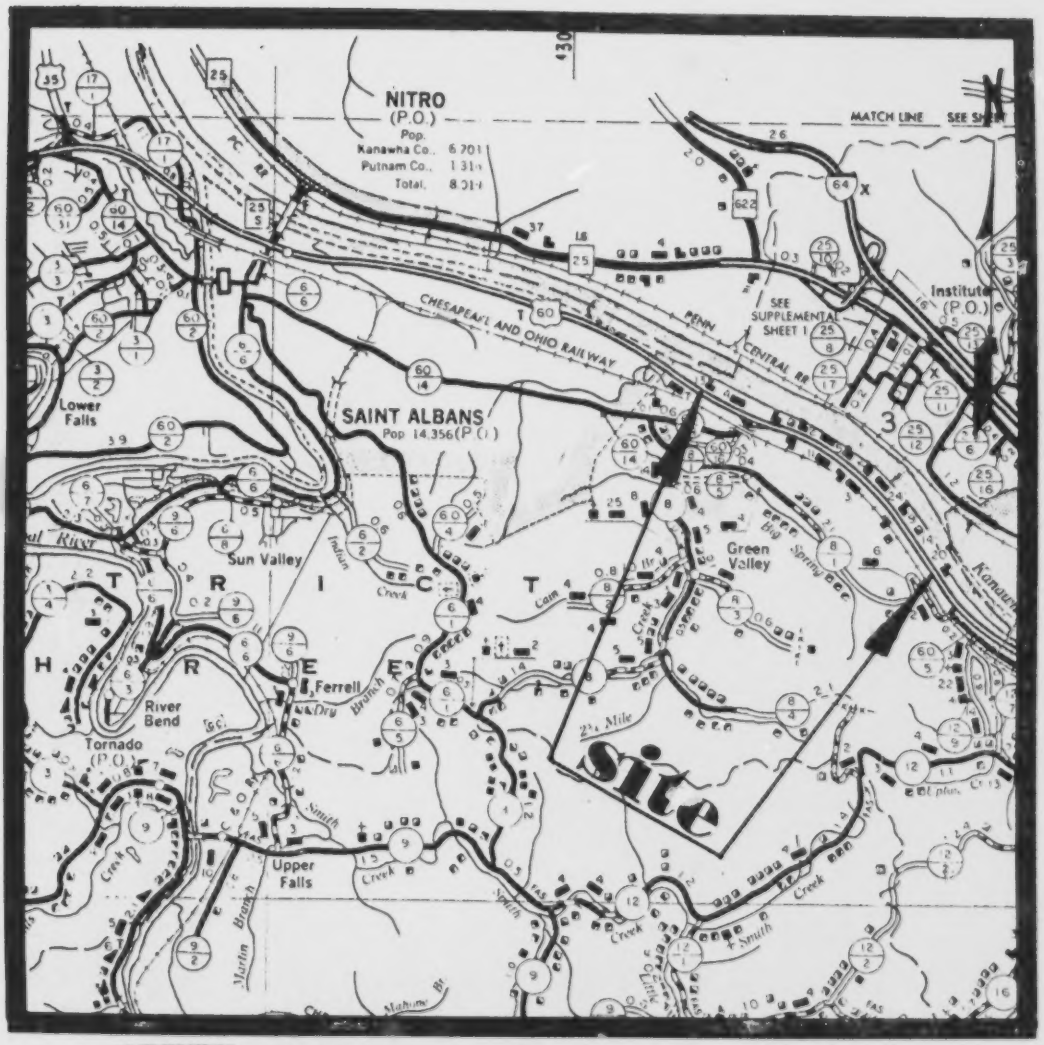
Critical Rate Location #25
Kanawha County - US 60
Milepost 2.30 - 3.42
Total Accidents 122
Injured 98, Killed 0
3 Year Accident Rate - 829

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

25

Critical Rate Location #26
Kanawha County - US 60
Milepost 6.40 - 8.40
Total Accidents 325
Injured 255, Killed 4
3 Year Accident Rate - 746



GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

26

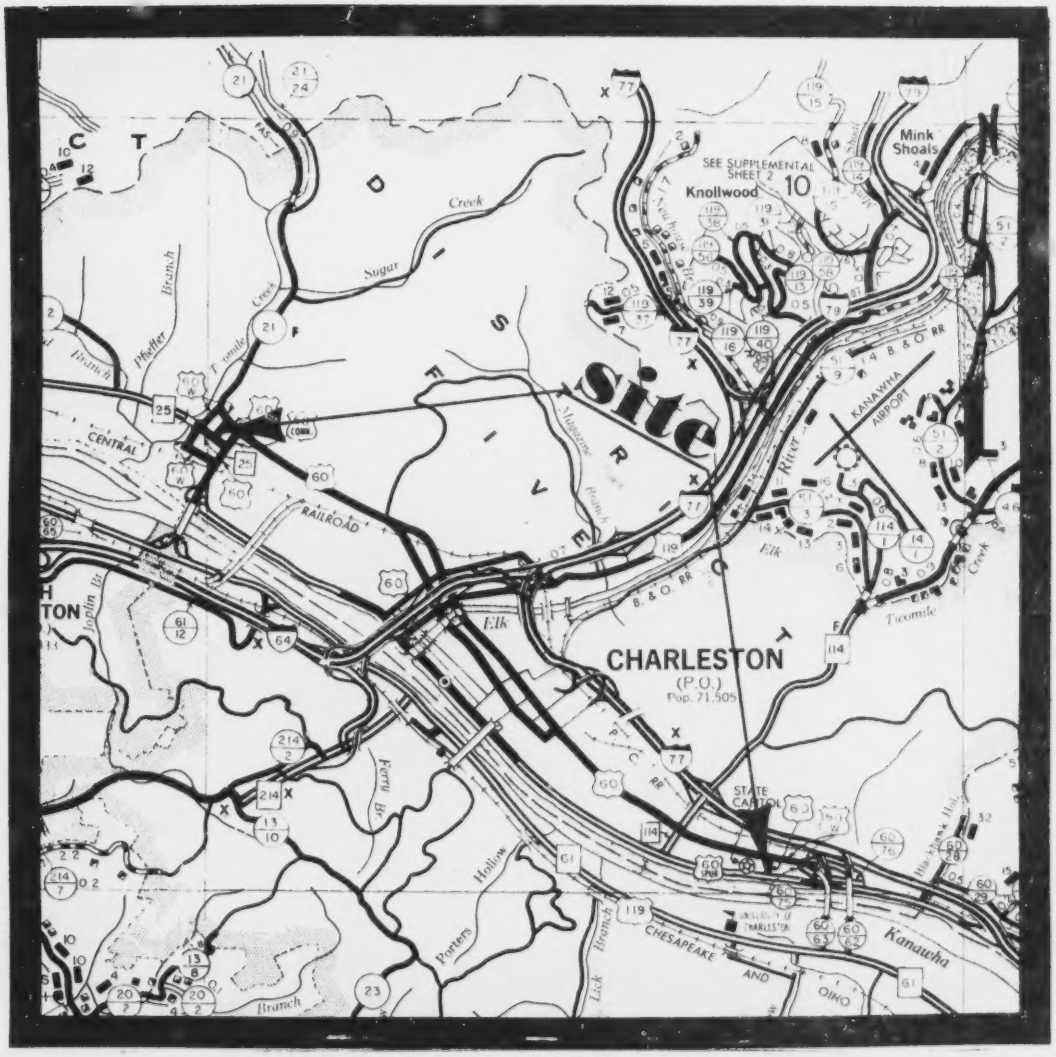
Critical Rate Location #27
Kanawha County - US 60
Milepost 9.10 - 10.90
Total Accidents 578
Injured 278, Killed 3
3 Year Accident Rate - 1,955

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

27

Critical Rate Location #28
Kanawha County - US 60
Milepost 14.68 - 19.30
Total Accident - 1,478
Injured 505, Killed 2
3 Year Accident Rate - 1,538

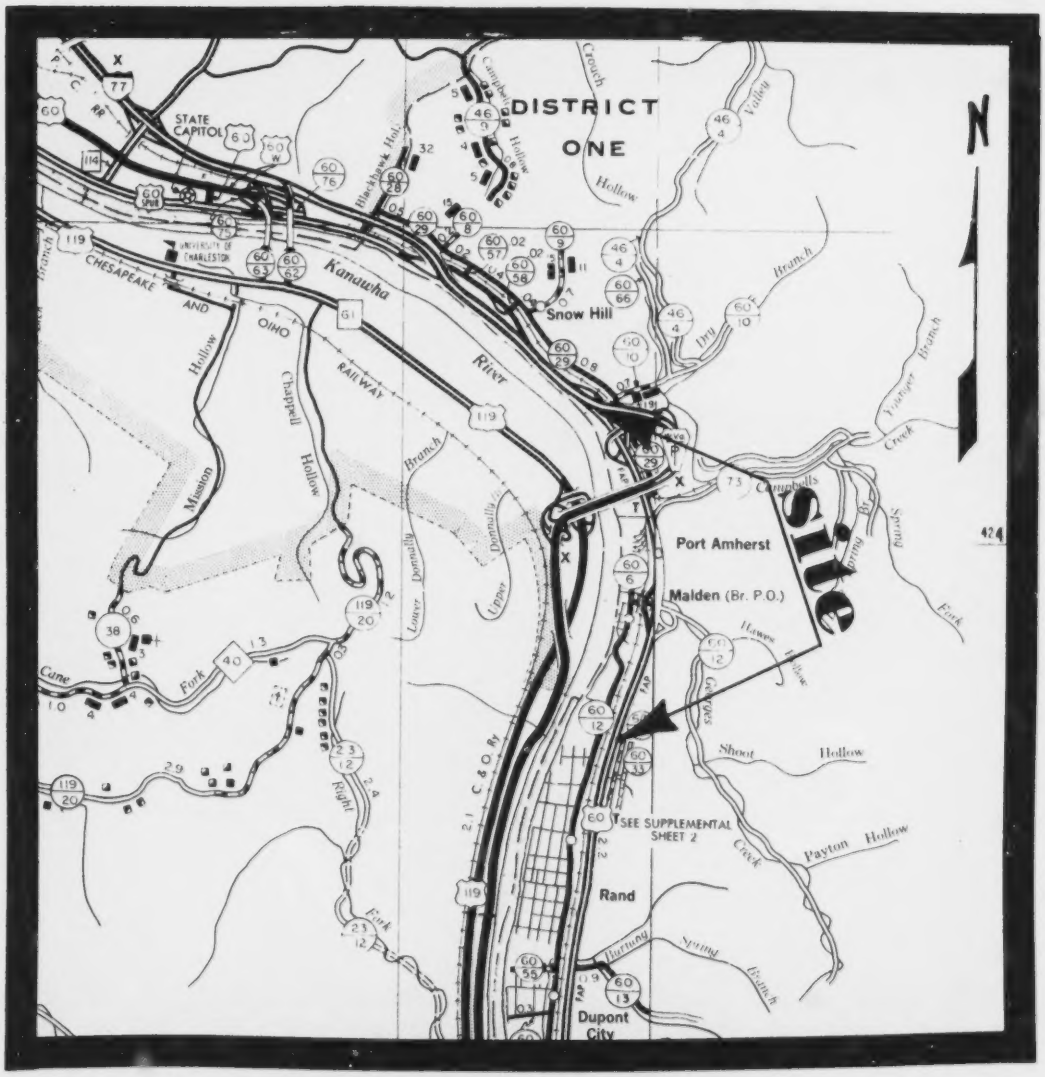


GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

28

Critical Rate Location #29
Kanawha County - US 60
Milepost 21.73 - 24.60
Total Accidents - 294
Injured 192, Killed 9
3 Year Accident Rate - 693

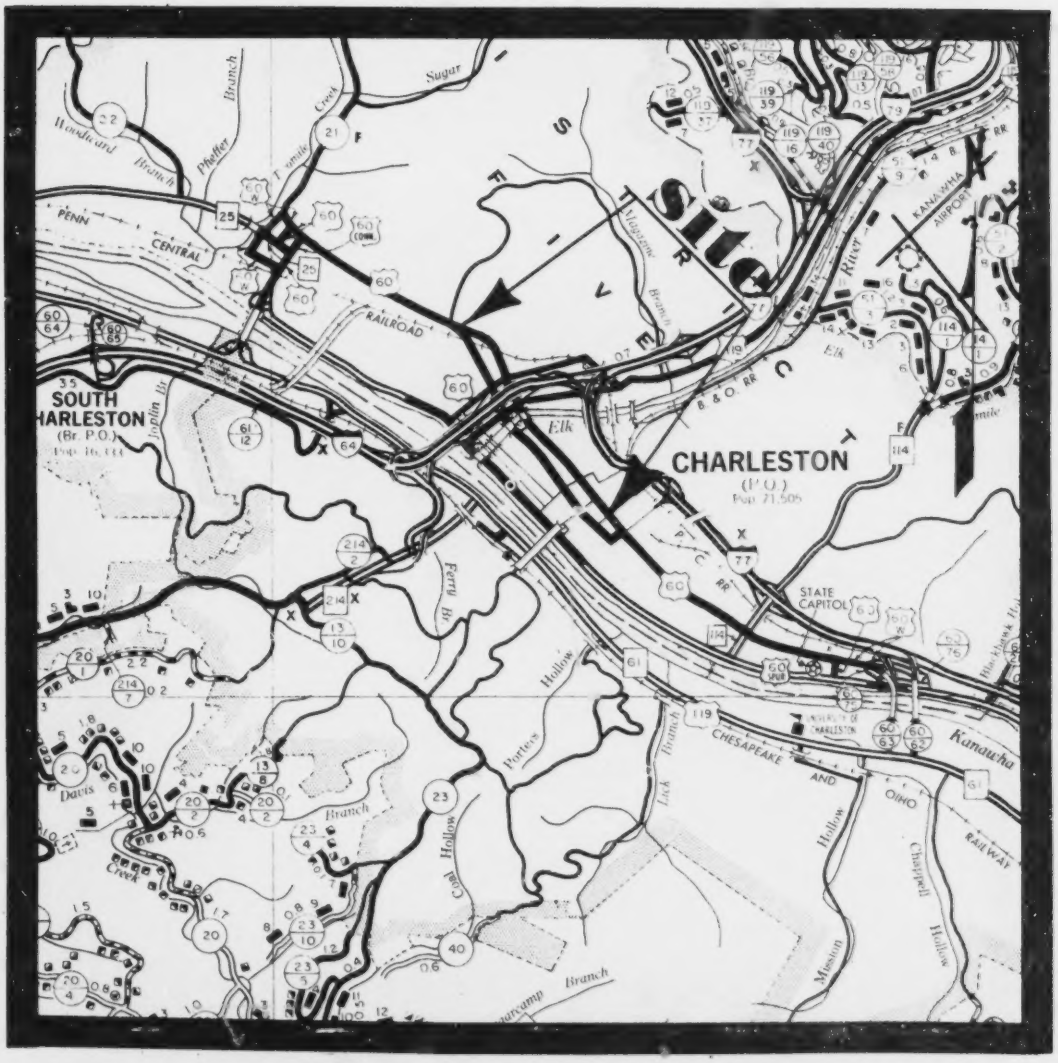


GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

29

Critical Rate Location #30
Kanawha County - US 60 WB
Milepost 4.38 - 6.02
Total Accidents- 514
Injured 158, Killed 1
3 Year Accident Rate - 2,385

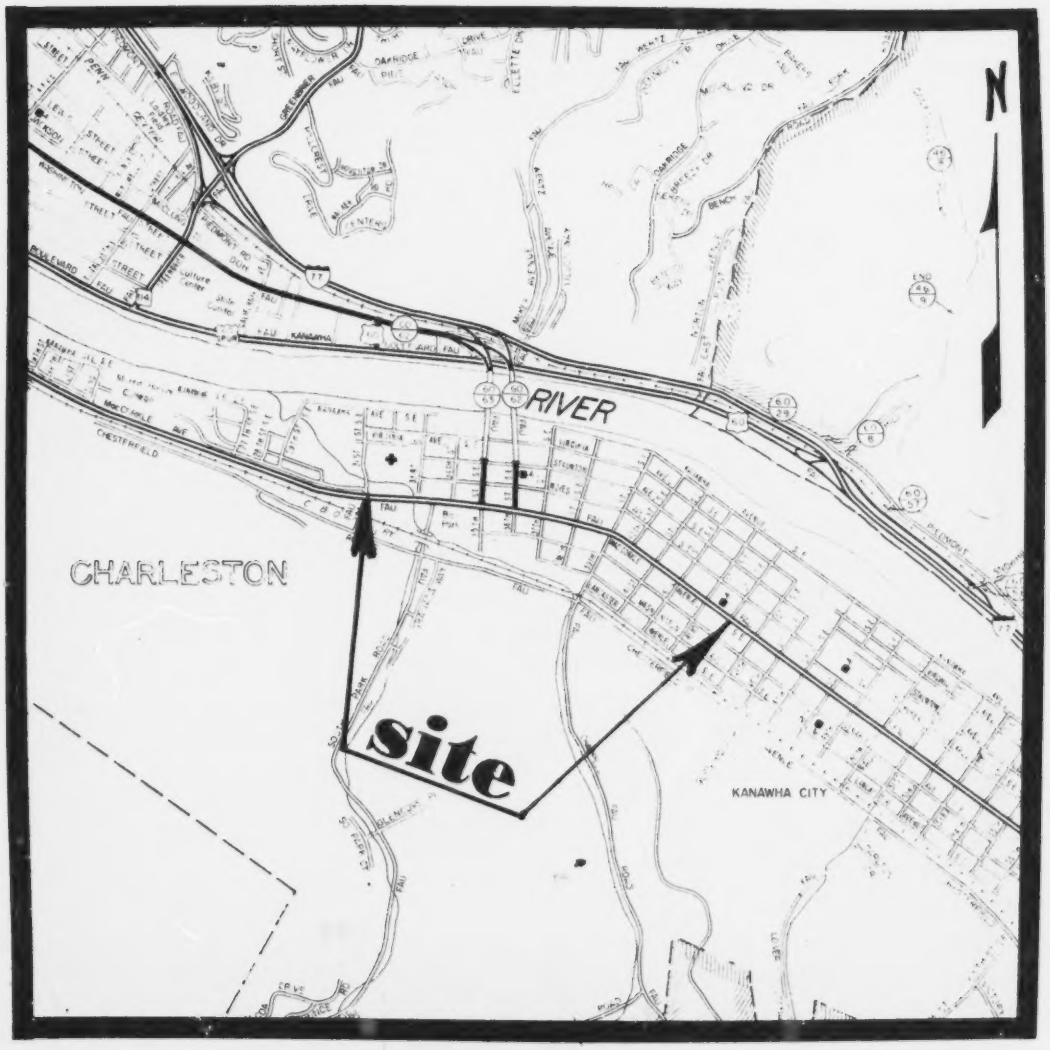


GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

30

Critical Rate Location #31
Kanawha County - US 119
Milepost 13.70 - 14.80
Total Accidents - 423
Injured 199, Killed 2
3 Year Accident Rate - 2,266



URBAN AREA MAP
AREA OF
CHARLESTON
KANAWHA COUNTY

31

Critical Rate Location #32
Kanawha County - WV 61
Milepost 9.90 - 11.70
Total Accidents-170
Injured 89, Killed 2
3 Year Accident Rate - 1,414

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(32)

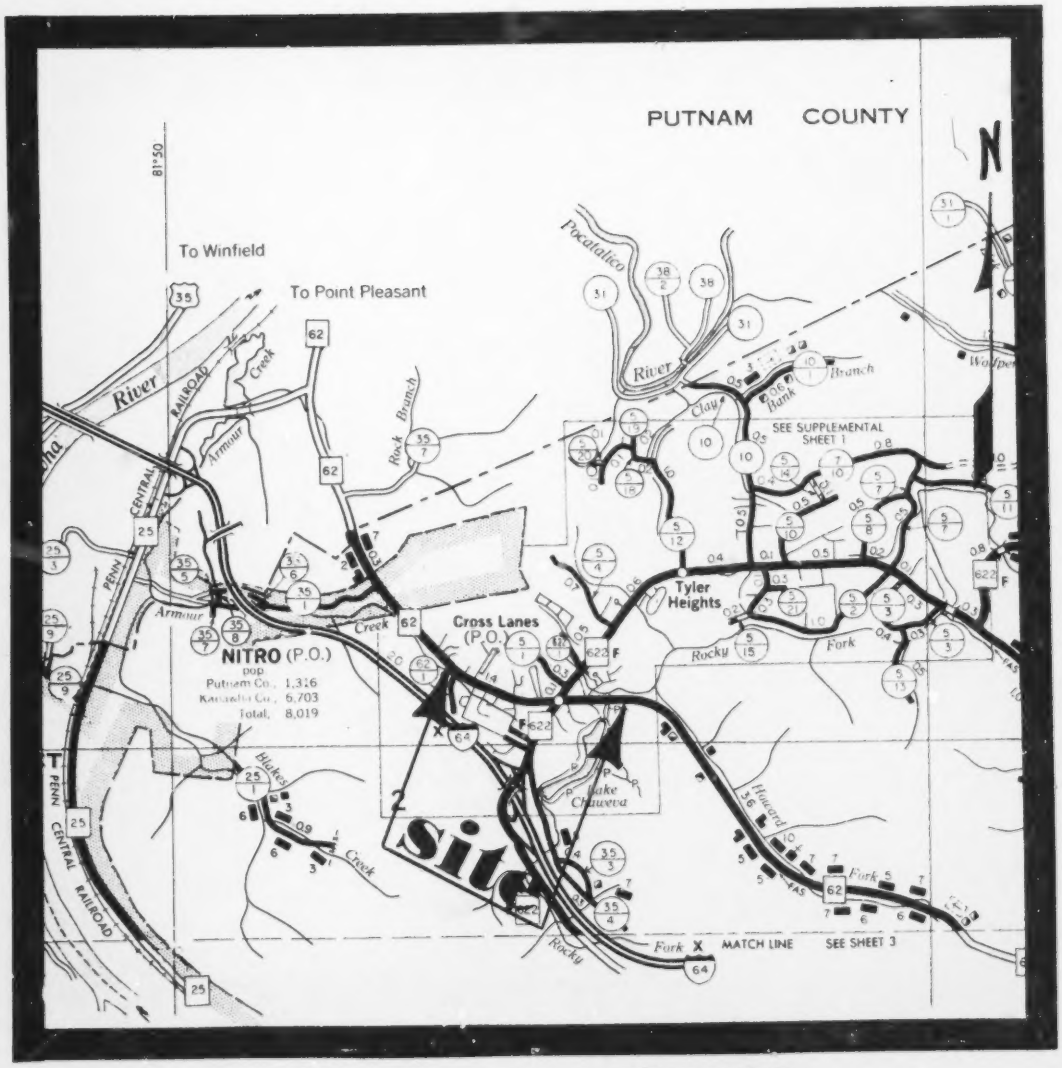
Critical Rate Location #33
Kanawha County - WV 62
Milepost 0.35 - 2.50
Total Accidents - 92
Injured 51, Killed 0
3 Year Accident Rate - 850

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

33

Critical Rate Location #34
Kanawha County - WV 62
Milepost 6.10 - 7.20
Total Accidents - 91
Injured 50, Killed 0
3 Year Accident Rate - 910



GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

34

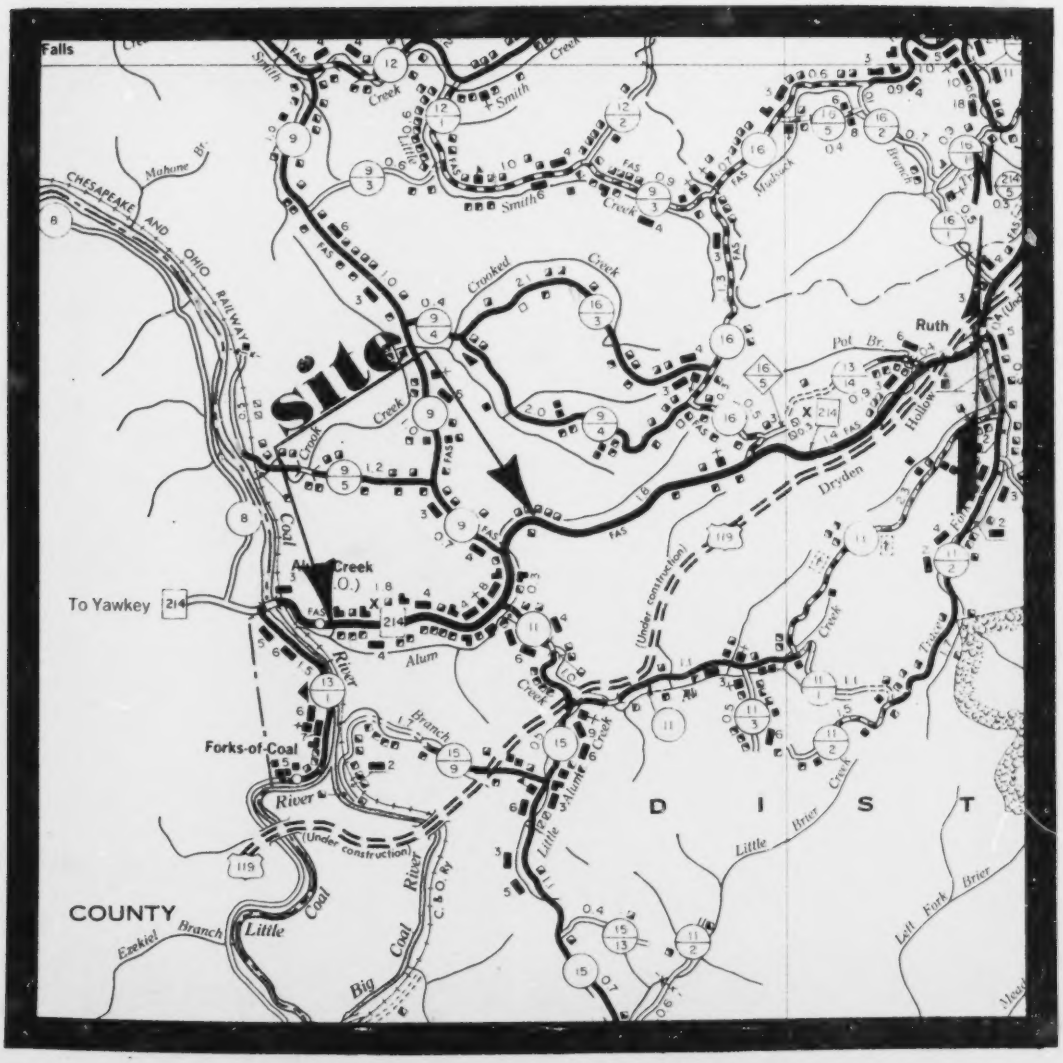
Critical Rate Location #35
Kanawha County - WV 114
Milepost 2.60 - 6.60
Total Accidents - 173
Injured 120, Killed 1
3 Year Accident Rate - 648

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

35

Critical Rate Location #36
Kanawha County - WV 214
Milepost 0.50 - 2.10
Total Accidents - 84
Injured 56, Killed 0
3 Year Accident Rate - 978

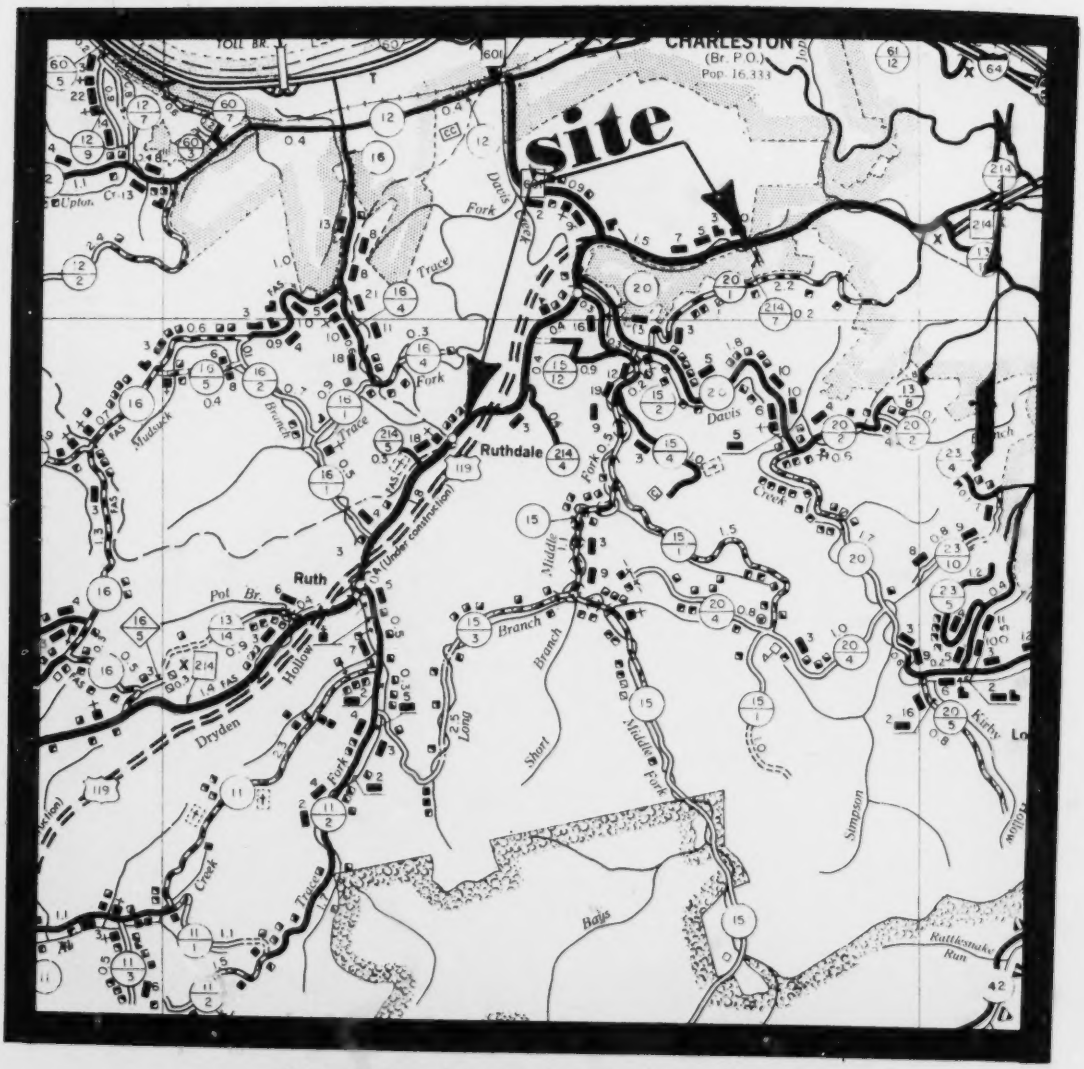


GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

36

Critical Rate Location #37
Kanawha County - WV 214
Milepost 6.70 - 9.40
Total Accidents - 197
Injured 123, Killed 0
3 Year Accident Rate - 1,449

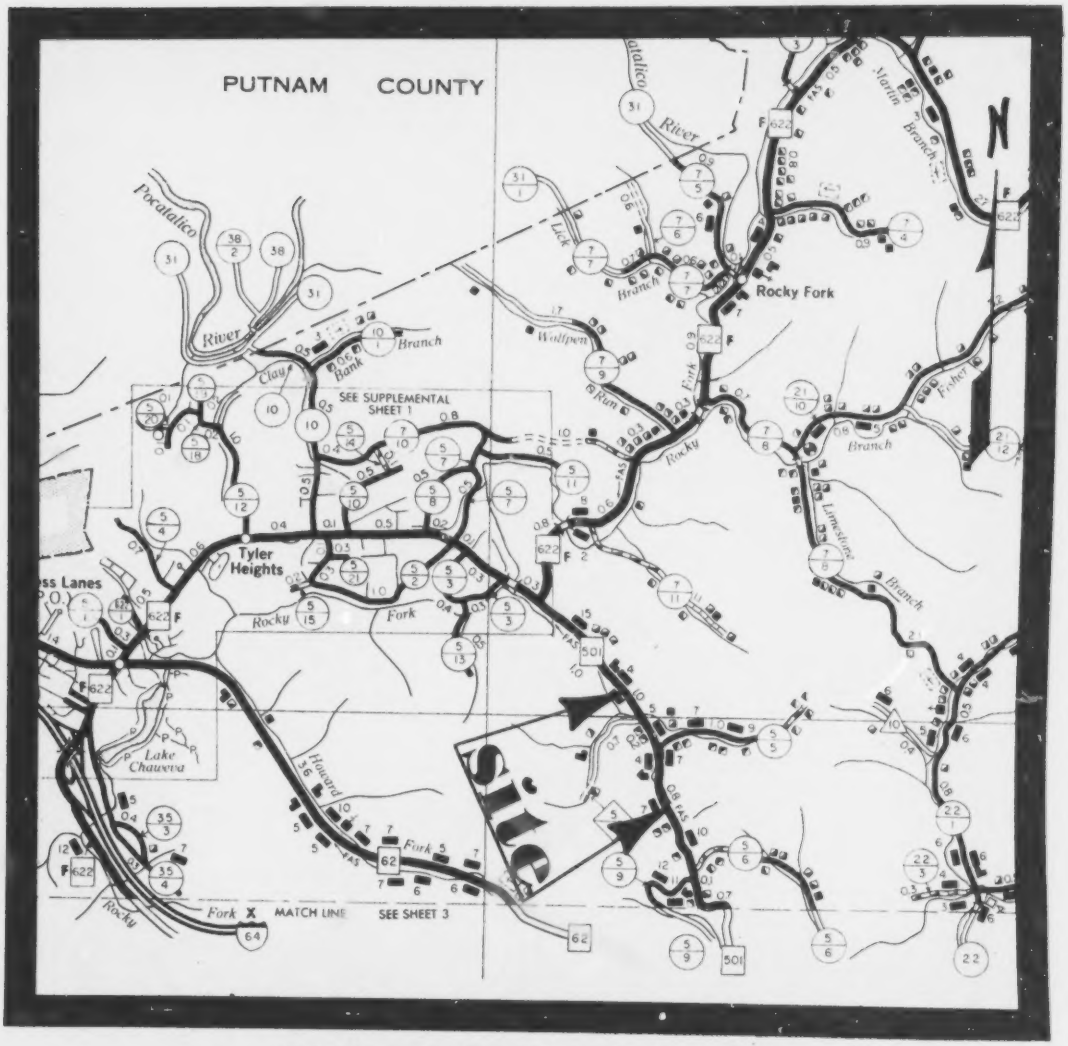


GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

37

Critical Rate Location #38
Kanawha County - WV 501
Milepost 1.40 - 2.20
Total Accidents - 30
Injured 16, Killed 0
3 Year Accident Rate - 1,370

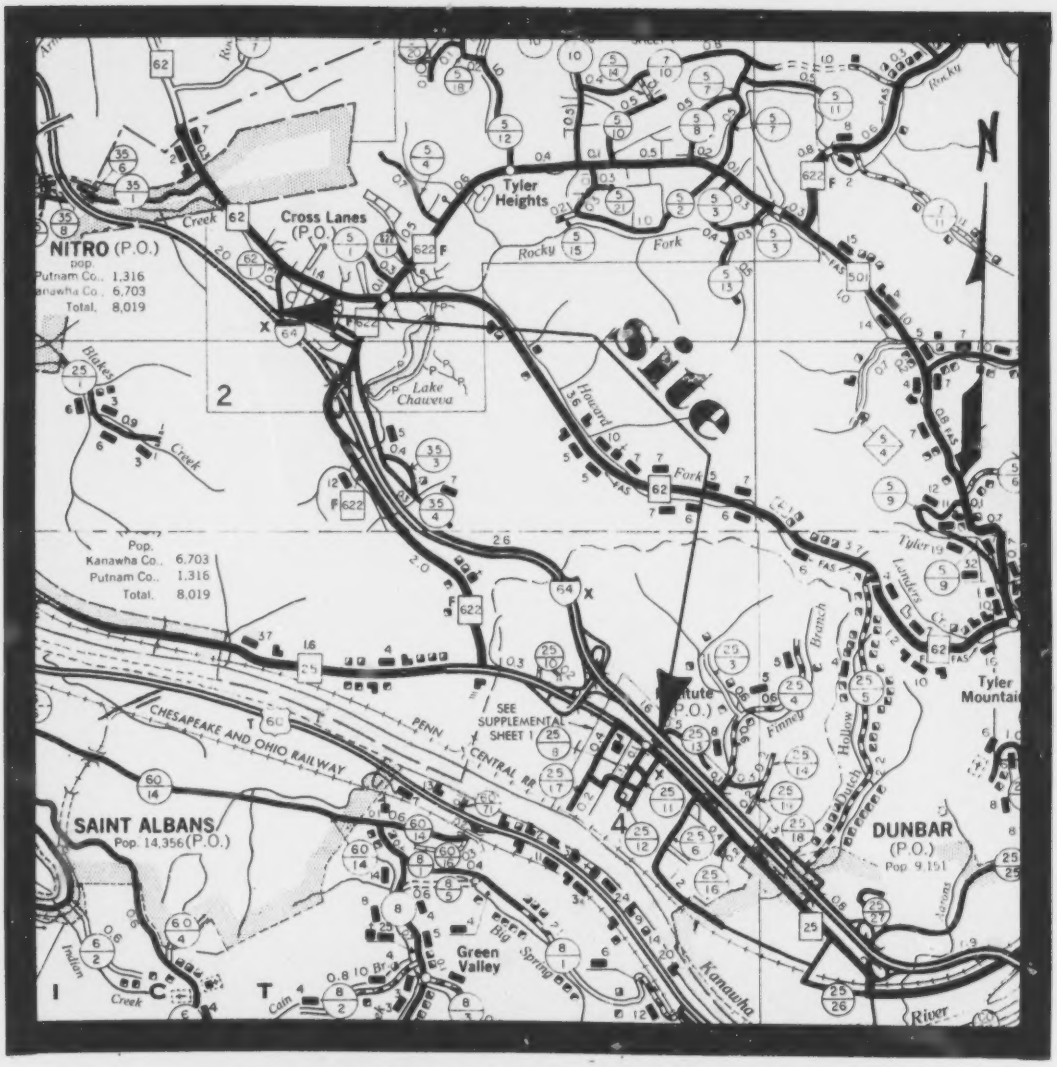


GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

38

Critical Rate Location #39
Kanawha County - I-64
Milepost 46.80 - 50.50
Total Accidents - 193
Injured 129, Killed 4
3 Year Accident Rate - 167

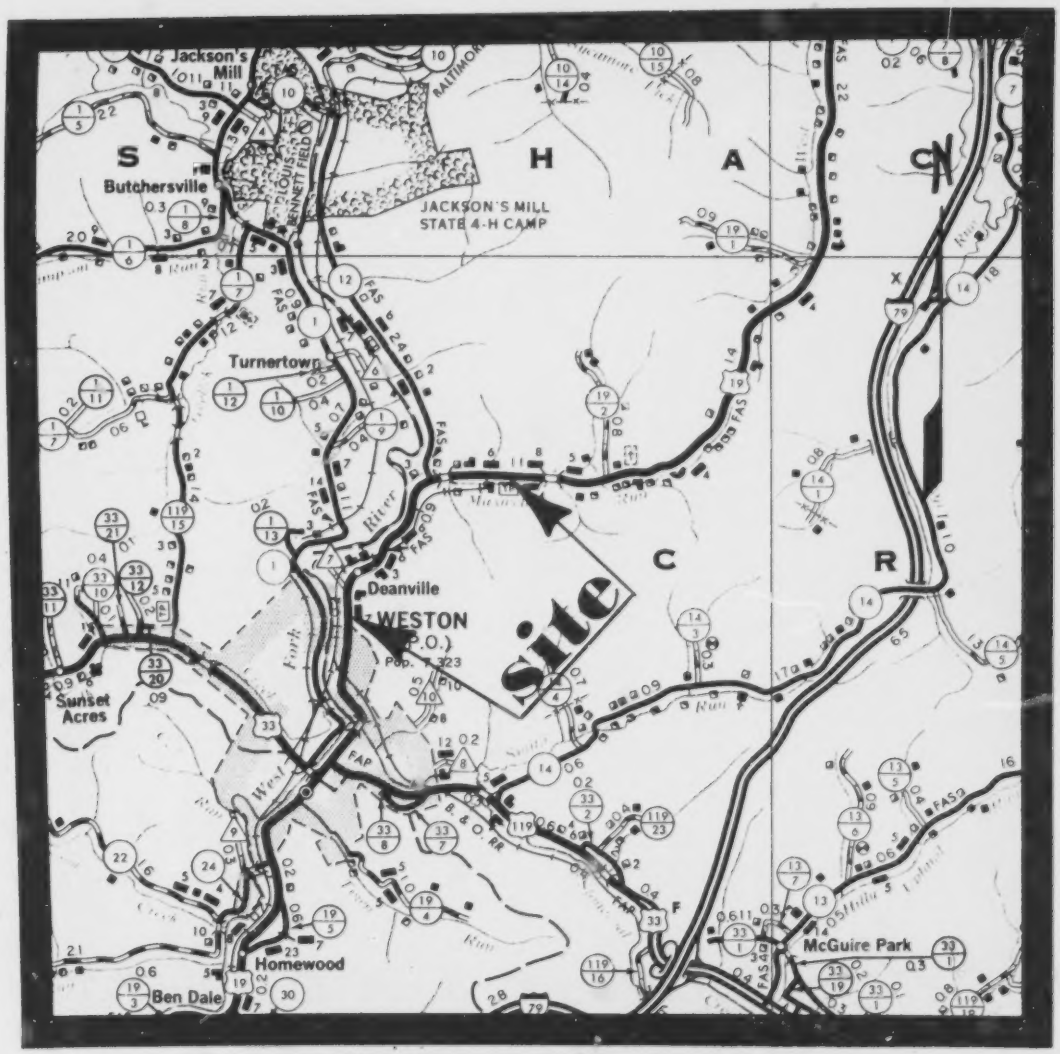


GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

39

Critical Rate Location #40
Lewis County - US 19
Milepost 25.30 - 26.80
Total Accidents - 66
Injured 75, Killed 1
3 Year Accident Rate - 913



GENERAL HIGHWAY MAP

LEWIS COUNTY
WEST VIRGINIA

40

Critical Rate Location #41
Logan County - US 119
Milepost 2.90 - 5.20
Total Accidents 114
Injured 57, Killed 0
3 Year Accident Rate 767

GENERAL HIGHWAY MAP

LOGAN COUNTY
WEST VIRGINIA

41

Critical Rate Location #42
Logan County - US 119
Milepost 18.70 - 19.90
Total Accidents - 53
Injured 40, Killed 1
3 Year Accident Rate - 733

GENERAL HIGHWAY MAP

LOGAN COUNTY
WEST VIRGINIA

(42)

Critical Rate Location #43
Logan County - WV 10
Milepost 28.60 - 29.20
Total Accidents - 35
Injured 17, Killed 0
3 Year Accident Rate - 1,903

GENERAL HIGHWAY MAP

LOGAN COUNTY
WEST VIRGINIA

(43)

Critical Rate Location #44
Logan County - WV 17
Milepost 0.00 - 0.80
Total Accidents - 45
Injured 11, Killed 1
3 Year Accident Rate - 1,223

GENERAL HIGHWAY MAP

LOGAN COUNTY
WEST VIRGINIA

(44)

Critical Rate Location #45
Logan County - WV 17
Milepost 3.60 - 4.30
Total Accidents-23
Injured 11, Killed 0
3 Year Accident Rate - 1,000

GENERAL HIGHWAY MAP

LOGAN COUNTY
WEST VIRGINIA

45

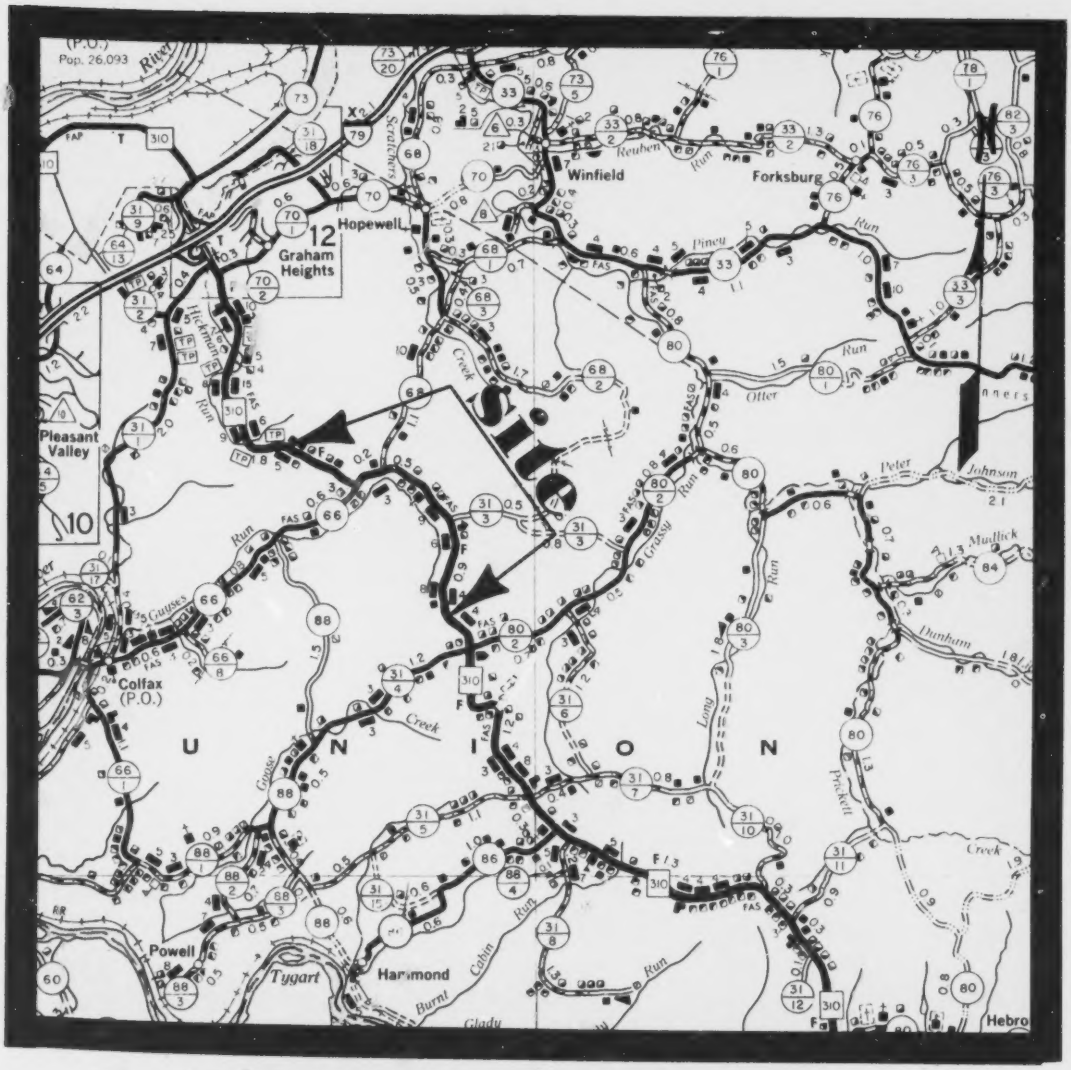
Critical Rate Location #46
Marion County - US 19
Milepost 8.60 - 11.10
Total Accidents - 458
Injured 161, Killed 0
3 Year Accident Rate - 1,195

GENERAL HIGHWAY MAP

MARION COUNTY
WEST VIRGINIA

46

Critical Rate Location #47
Marion County - WV 310
Milepost 4.60 - 6.40
Total Accidents - 46
Injured 26, Killed 0
3 Year Accident Rate - 1,111



GENERAL HIGHWAY MAP

MARION COUNTY
WEST VIRGINIA

(47)

Critical Rate Location #48
Marion County - I-79
Milepost 131.30 - 133.10
Total Accidents - 49
Injured 34, Killed 1
3 Year Accident Rate - 143

GENERAL HIGHWAY MAP

MARION COUNTY
WEST VIRGINIA

48

Critical Rate Location #49
Marshall County - WV 88
Milepost 2.30 - 3.70
Total Accidents - 41
Injured 22, Killed 0
3 Year Accident Rate - 1,029

GENERAL HIGHWAY MAP

MARSHALL COUNTY
WEST VIRGINIA

49

Critical Rate Location #50
Mason County - WV 2
Milepost 3.60 - 4.50
Total Accidents - 24
Injured 21, Killed 0
3 Year Accident Rate - 937

GENERAL HIGHWAY MAP

MASON COUNTY
WEST VIRGINIA

50

Critical Rate Location #51
Mercer County - US 19
Milepost 4.93 - 5.80
Total Accidents - 39
Injured 68, Killed 0
3 Year Accident Rate - 460

GENERAL HIGHWAY MAP

MERCER COUNTY

WEST VIRGINIA

(51)

Critical Rate Location #52
Mercer County - US 19
Milepost 8.30 - 9.20
Total Accidents - 48
Injured 31, Killed 0
3 Year Accident Rate - 487

GENERAL HIGHWAY MAP

MERCER COUNTY

WEST VIRGINIA

52

Critical Rate Location #53
Mercer County - US 460
Milepost 14.70 - 16.20
Total Accidents - +25
Injured +23, Killed +0
3 Year Accident Rate - +544

GENERAL HIGHWAY MAP

MERCER COUNTY
WEST VIRGINIA

+ 1980 Data

(53)

Critical Rate Location #54
Mercer County - WV 123
Milepost 4.70 - 5.70
Total Accidents 23
Injured 24, Killed 1
3 Year Accident Rate - 1,000

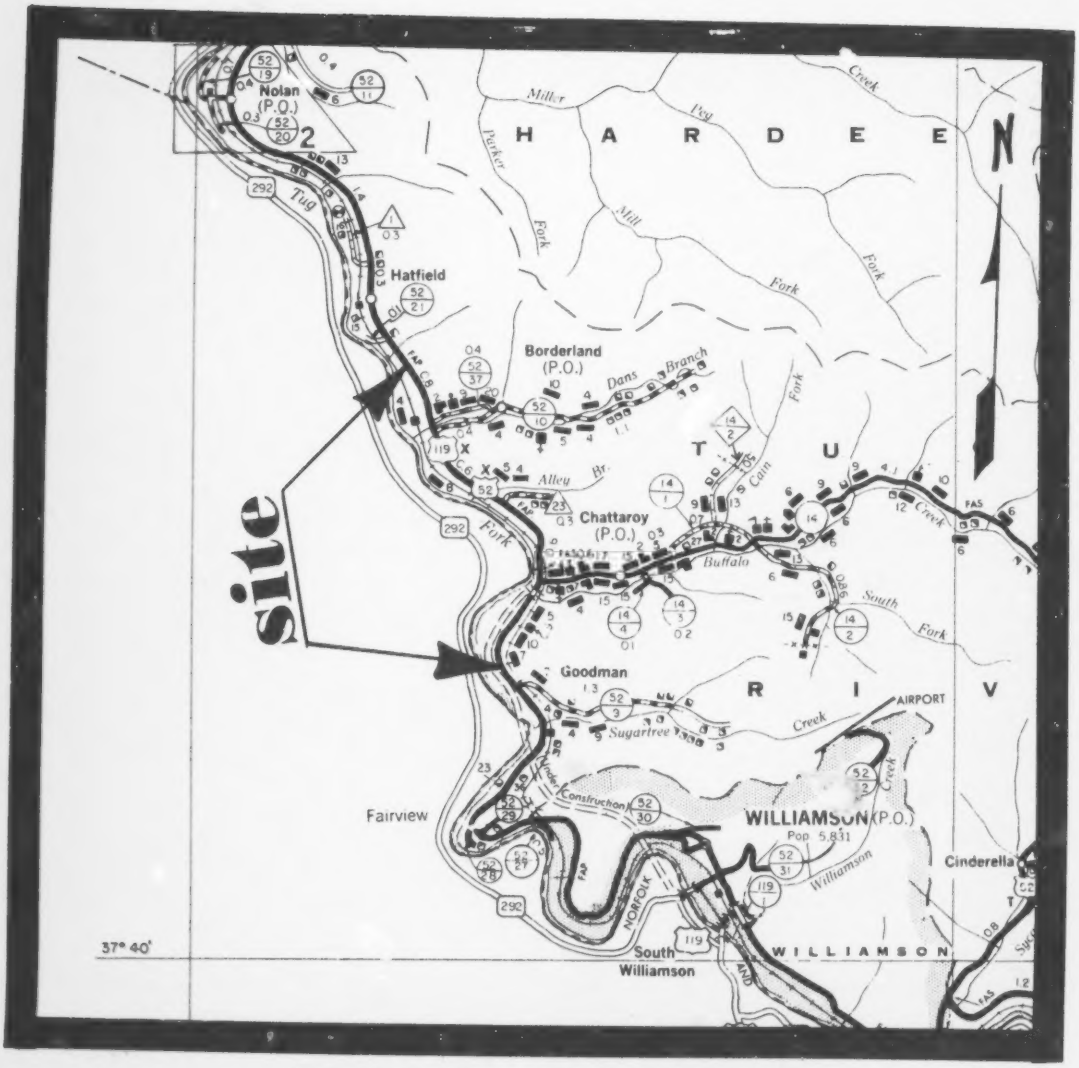
GENERAL HIGHWAY MAP

MERCER COUNTY

WEST VIRGINIA

54

Critical Rate Location #55
Mingo County - US 52
Milepost 16.70 - 18.90
Total Accidents - 91
Injured 50, Killed 4
3 Year Accident Rate - 1,111

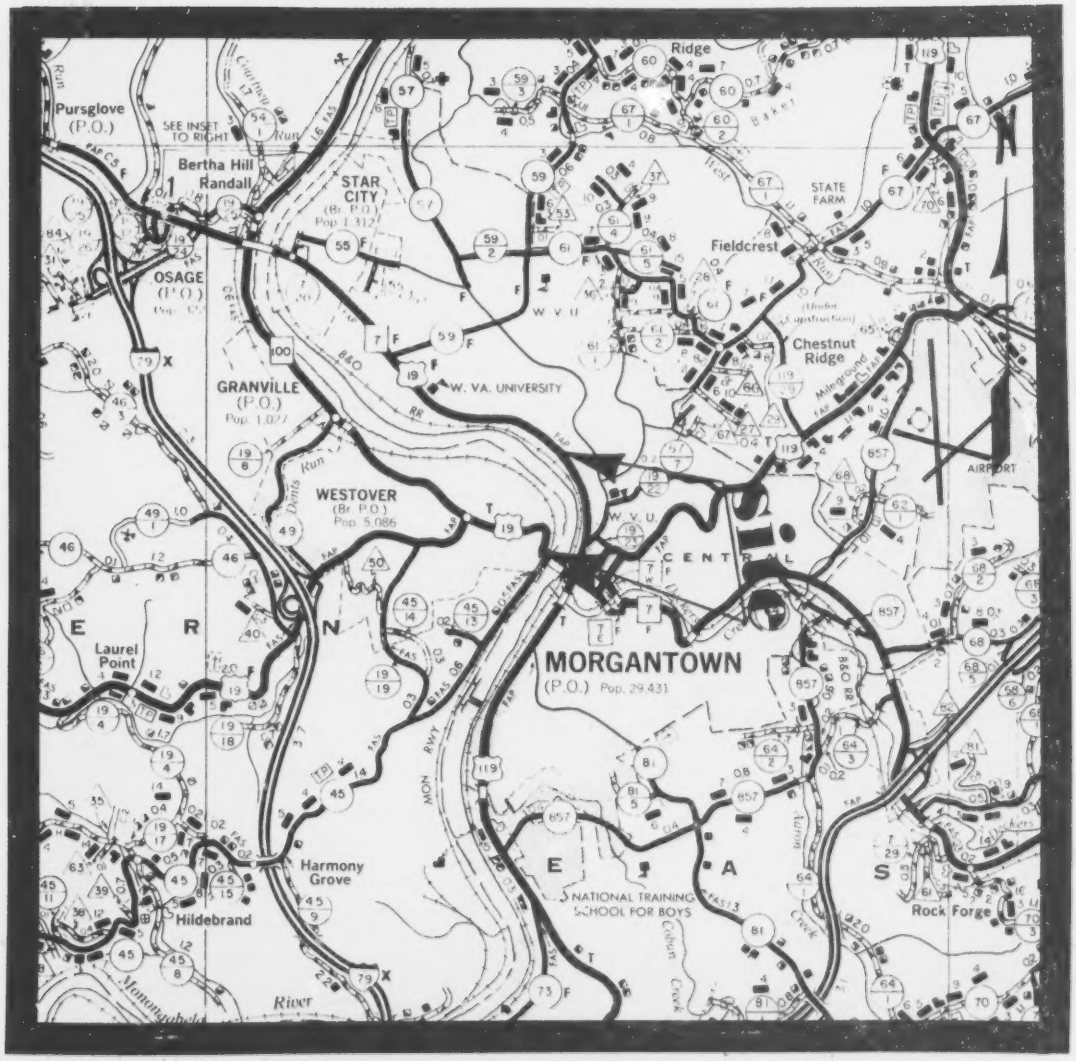


GENERAL HIGHWAY MAP

MINGO COUNTY
WEST VIRGINIA

55

Critical Rate Location #56
Monongalia County - US 19
Milepost 11.00 - 12.00
Total Accidents - 372
Injured 112, Killed 0
3 Year Accident Rate - 1,887

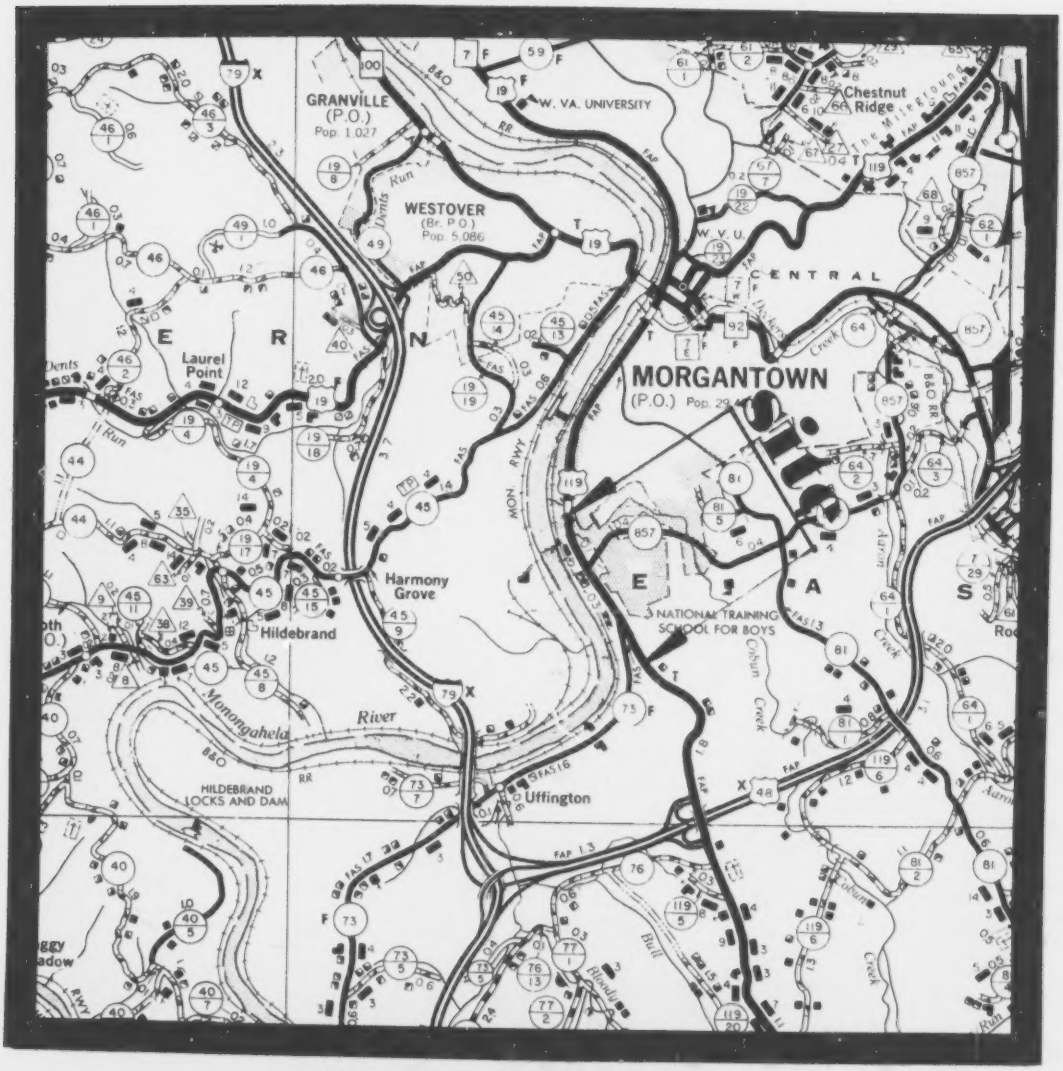


GENERAL HIGHWAY MAP

MONONGALIA COUNTY
WEST VIRGINIA

56

Critical Rate Location #57
Monongalia County - US 119
Milepost 11.90 - 12.28
Total Accidents - 102
Injured 60, Killed 0
3 Year Accident Rate - 1,961



GENERAL HIGHWAY MAP

MONONGALIA COUNTY
WEST VIRGINIA

57

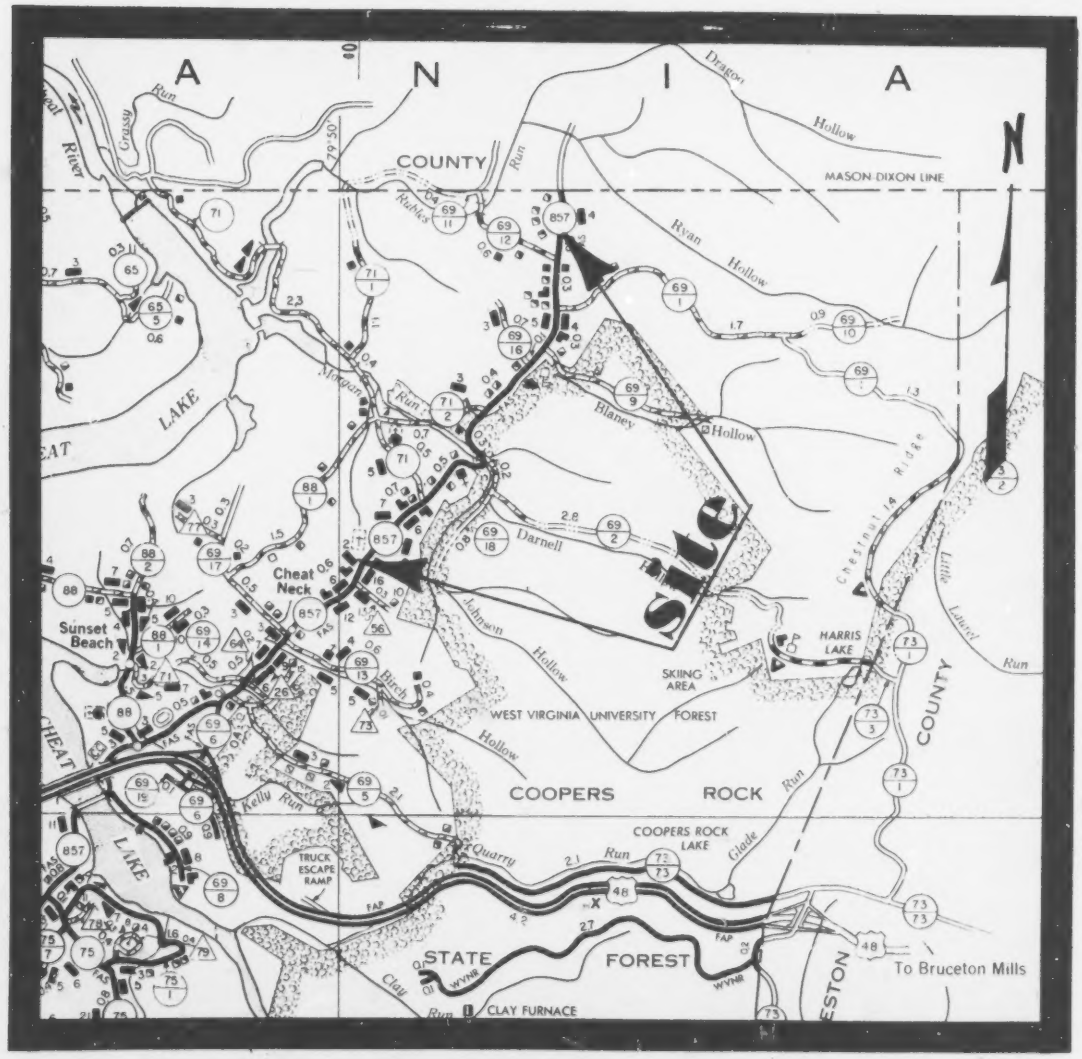
Critical Rate Location #58
Monongalia County - US 119
Milepost 13.50 - 15.60
Total Accidents - 463
Injured 114, Killed 1
3 Year Accident Rate - 1,525

GENERAL HIGHWAY MAP

MONONGALIA COUNTY
WEST VIRGINIA

58

Critical Rate Location #59
Monongalia County - CR 857
Milepost 12.70 - 15.30
Total Accidents - 64
Injured 46, Killed 3
3 Year Accident Rate - 1,499

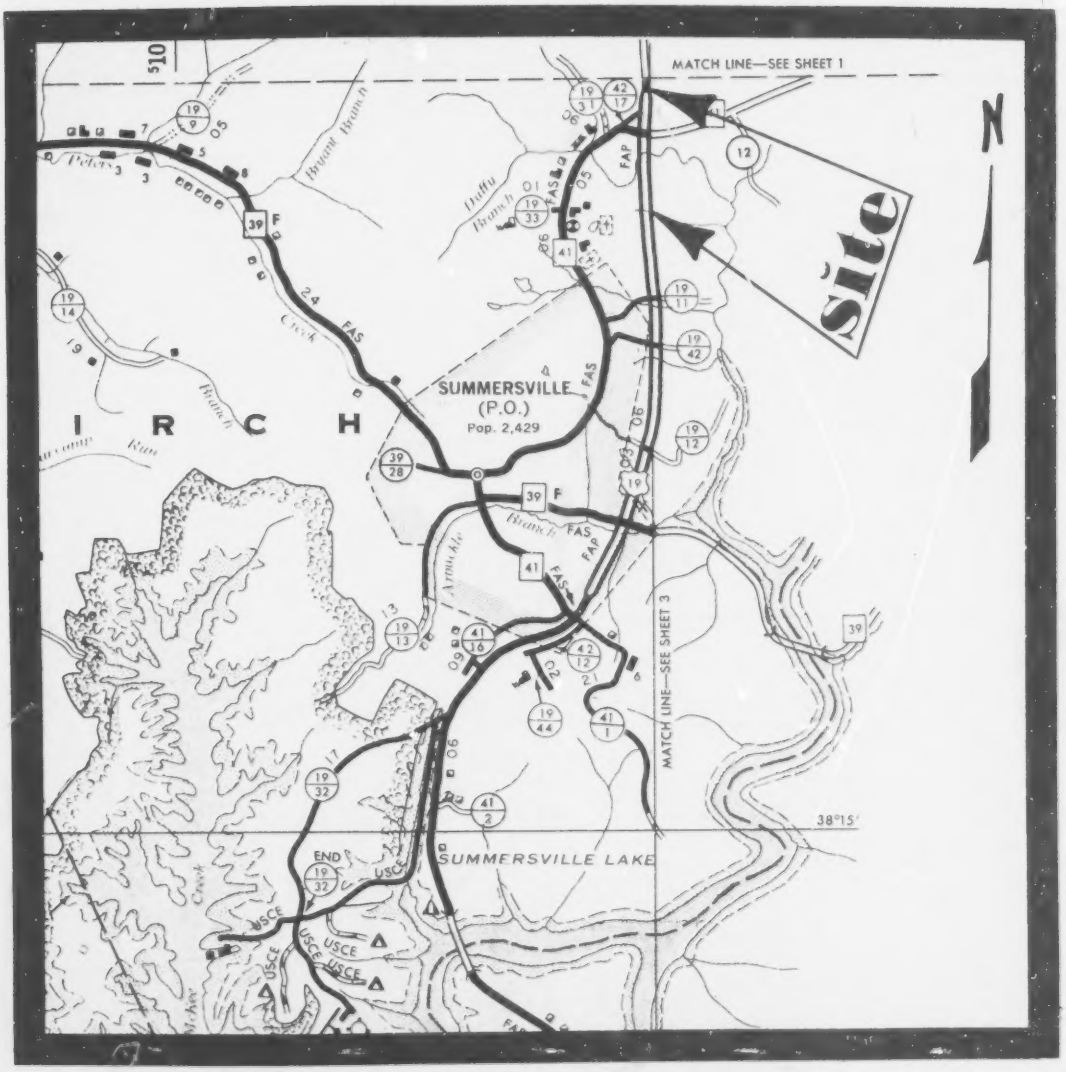


GENERAL HIGHWAY MAP

MONONGALIA COUNTY
WEST VIRGINIA

59

Critical Rate Location #60
Nicholas County - US 19
Milepost 13.70 - 14.30
Total Accidents - ++27
Injured ++31, Killed ++1
3 Year Accident Rate - ++994



GENERAL HIGHWAY MAP

NICHOLAS COUNTY
WEST VIRGINIA

++ 1979 and 1980 Data

60

Critical Rate Location #61
Ohio County - US 40
Milepost 2.50 - 4.60
Total Accidents - 372
Injured 156, Killed 0
3 Year Accident Rate 1,011

GENERAL HIGHWAY MAP

OHIO COUNTY
WEST VIRGINIA

61

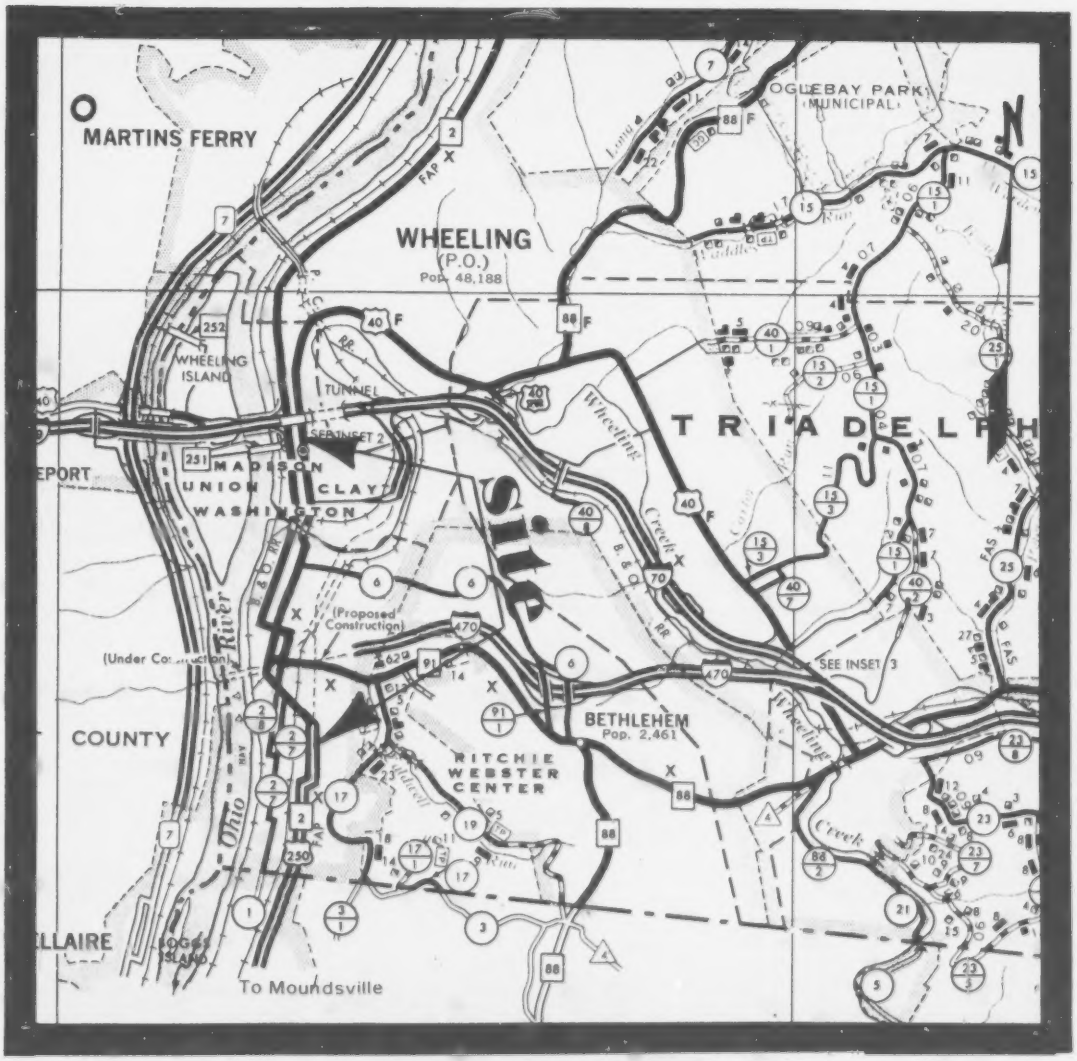
Critical Rate Location #62
Ohio County - US 40
Milepost 5.90 - 7.20
Total Accidents - 266
Injured 97, Killed 1
3 Year Accident Rate - 1,335

GENERAL HIGHWAY MAP

OHIO COUNTY
WEST VIRGINIA

62

Critical Rate Location #63
Ohio County - US 250
Milepost 0.91 - 2.84
Total Accidents - 490
Injured 142, Killed 0
3 Year Accident Rate - 1,599

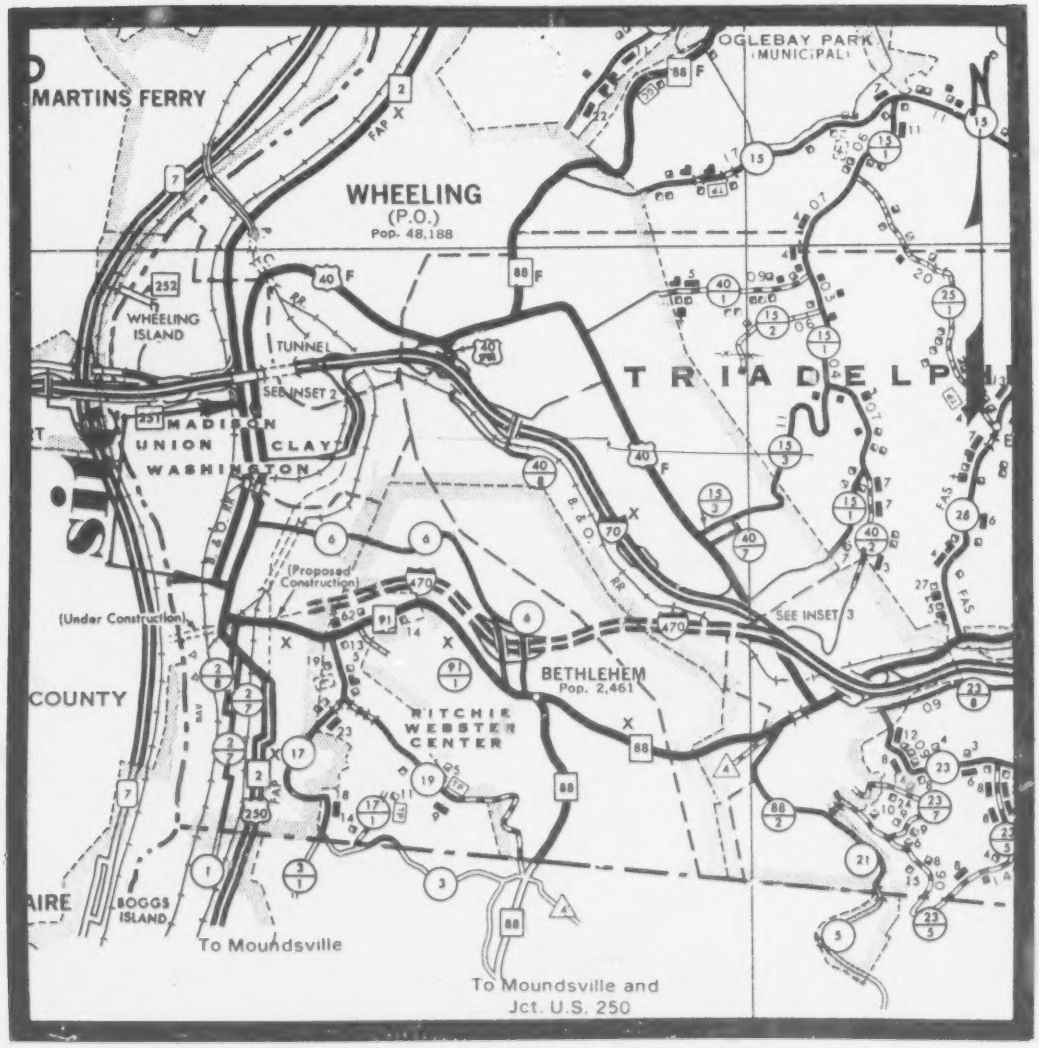


GENERAL HIGHWAY MAP

OHIO COUNTY
WEST VIRGINIA

63

Critical Rate Location #64
Ohio County - US 250 SB
Milepost 0.00-1.30
Total Accidents - 377
Injured 114, Killed 0
3 Year Accident Rate 1,513



GENERAL HIGHWAY MAP

OHIO COUNTY
WEST VIRGINIA

64

Critical Rate Location #65
Ohio County - I-70
Milepost 0.00 - 3.00
Total Accidents - 600
Injured 273, Killed 0
3 Year Accident Rate- 522

GENERAL HIGHWAY MAP

OHIO COUNTY
WEST VIRGINIA

65

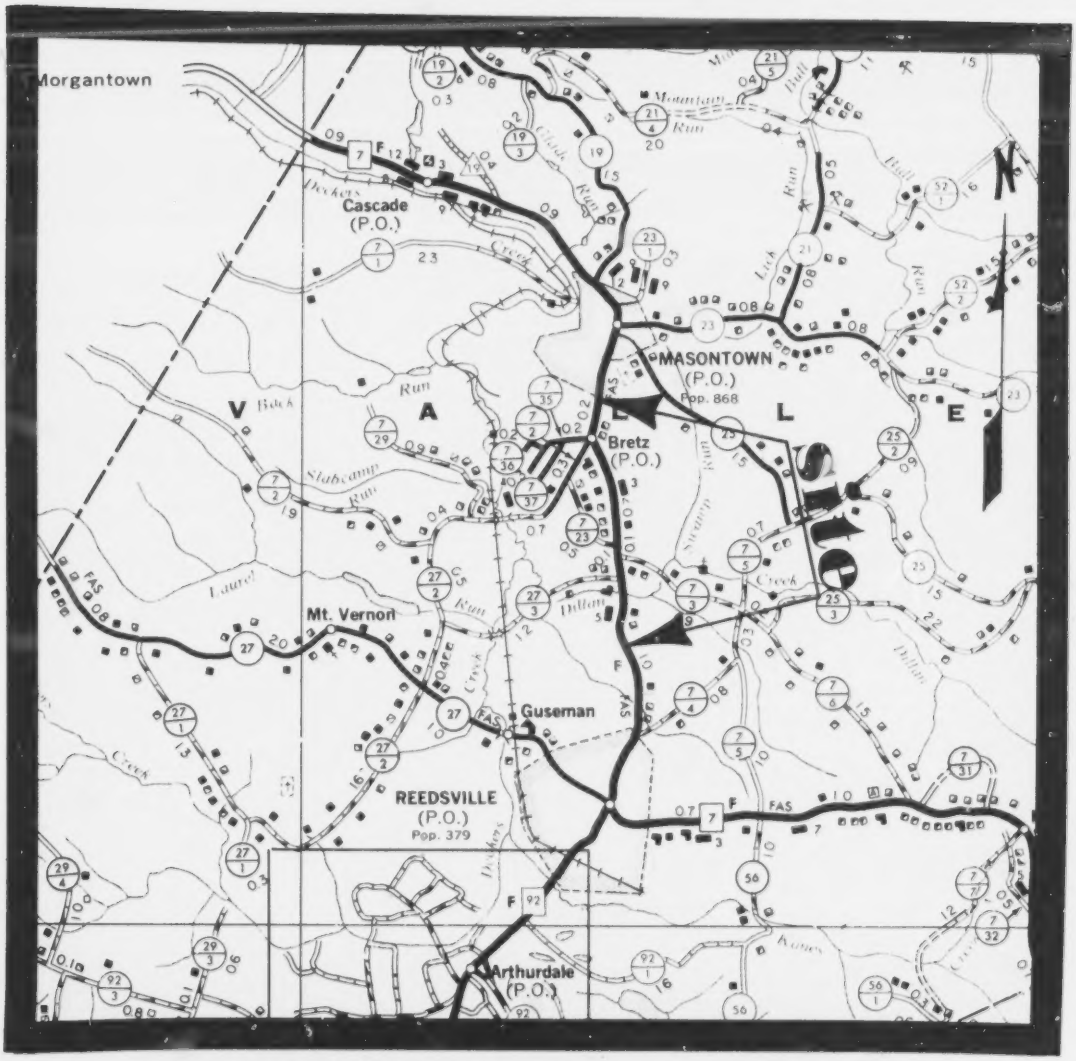
Critical Rate Location #66
Ohio County - I-70
Milepost 8.30 - 11.60
Total Accidents - 104
Injured 45, Killed 1
3 Year Accident Rate - 144

GENERAL HIGHWAY MAP

OHIO COUNTY
WEST VIRGINIA

66

Critical Rate Location #67
Preston County - WV 7
Milepost 2.80 - 4.30
Total Accidents - 66
Injured 44, Killed 1
3 Year Accident Rate - 837

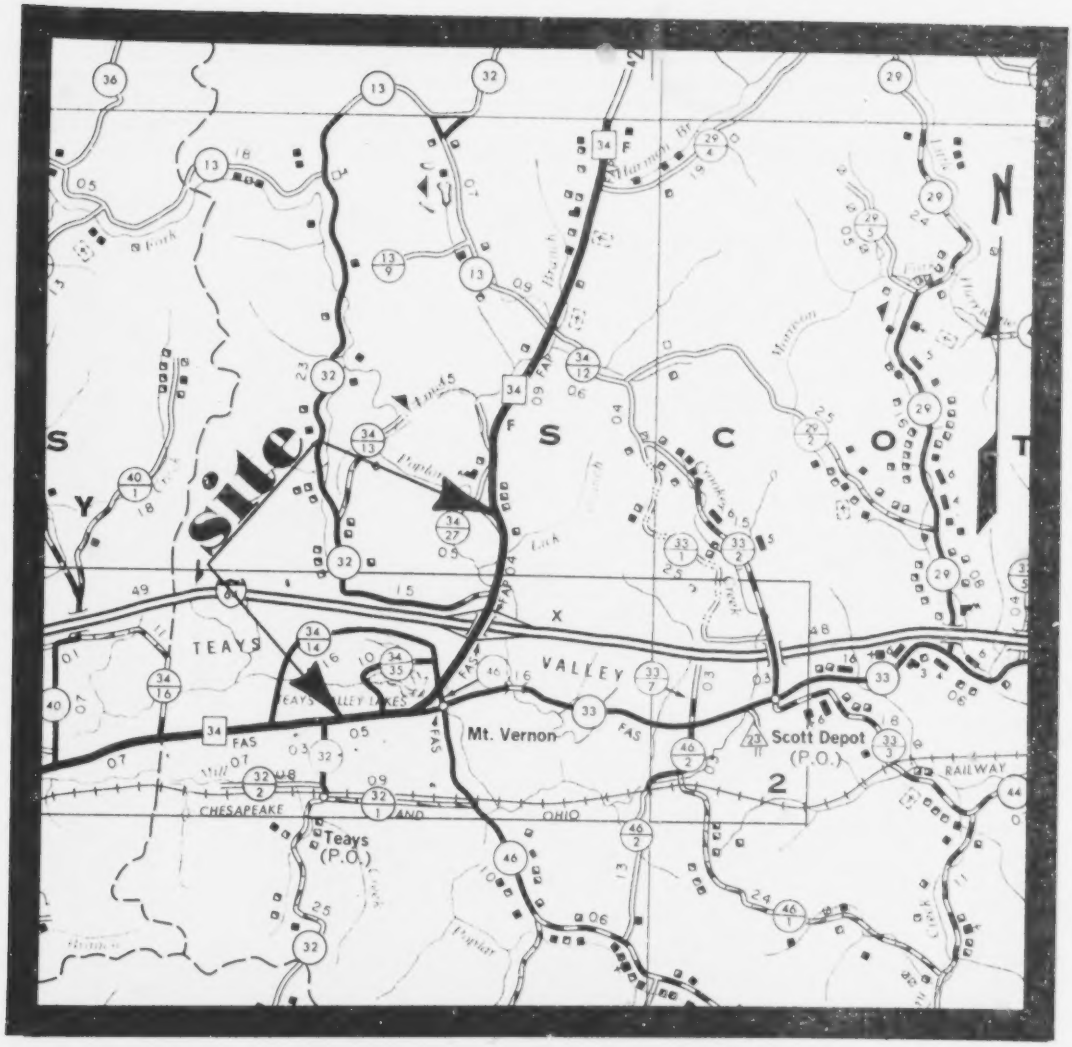


GENERAL HIGHWAY MAP

PRESTON COUNTY
WEST VIRGINIA

67

Critical Rate Location #68
Putnam County - WV 34
Milepost 13.90 - 15.70
Total Accidents - 121
Injured 69, Killed 2
3 Year Accident Rate - 990

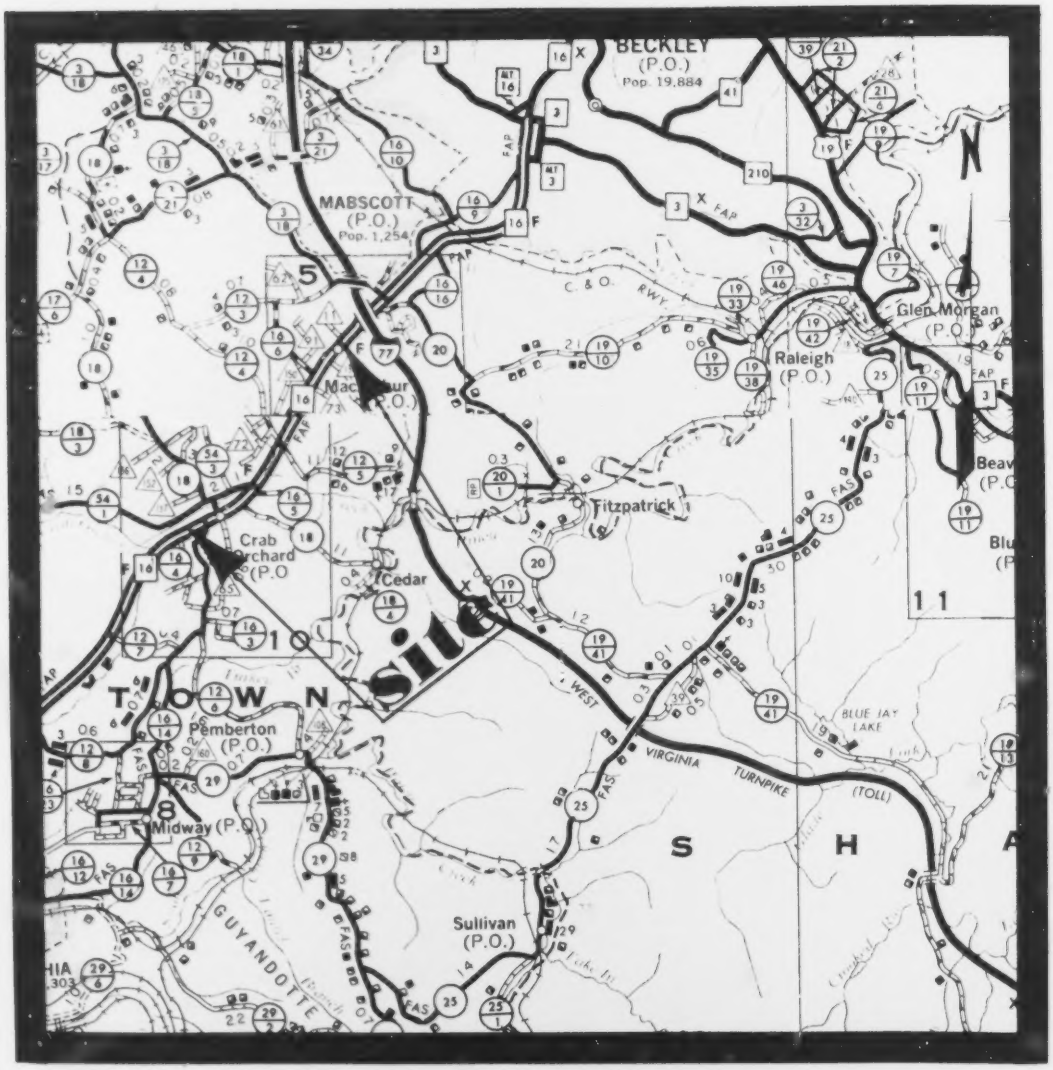


GENERAL HIGHWAY MAP

PUTNAM COUNTY
WEST VIRGINIA

68

Critical Rate Location #69
Raleigh County - WV 16
Milepost 13.90 - 15.50
Total Accidents - 230
Injured 164, Killed 1
3 Year Accident Rate - 815

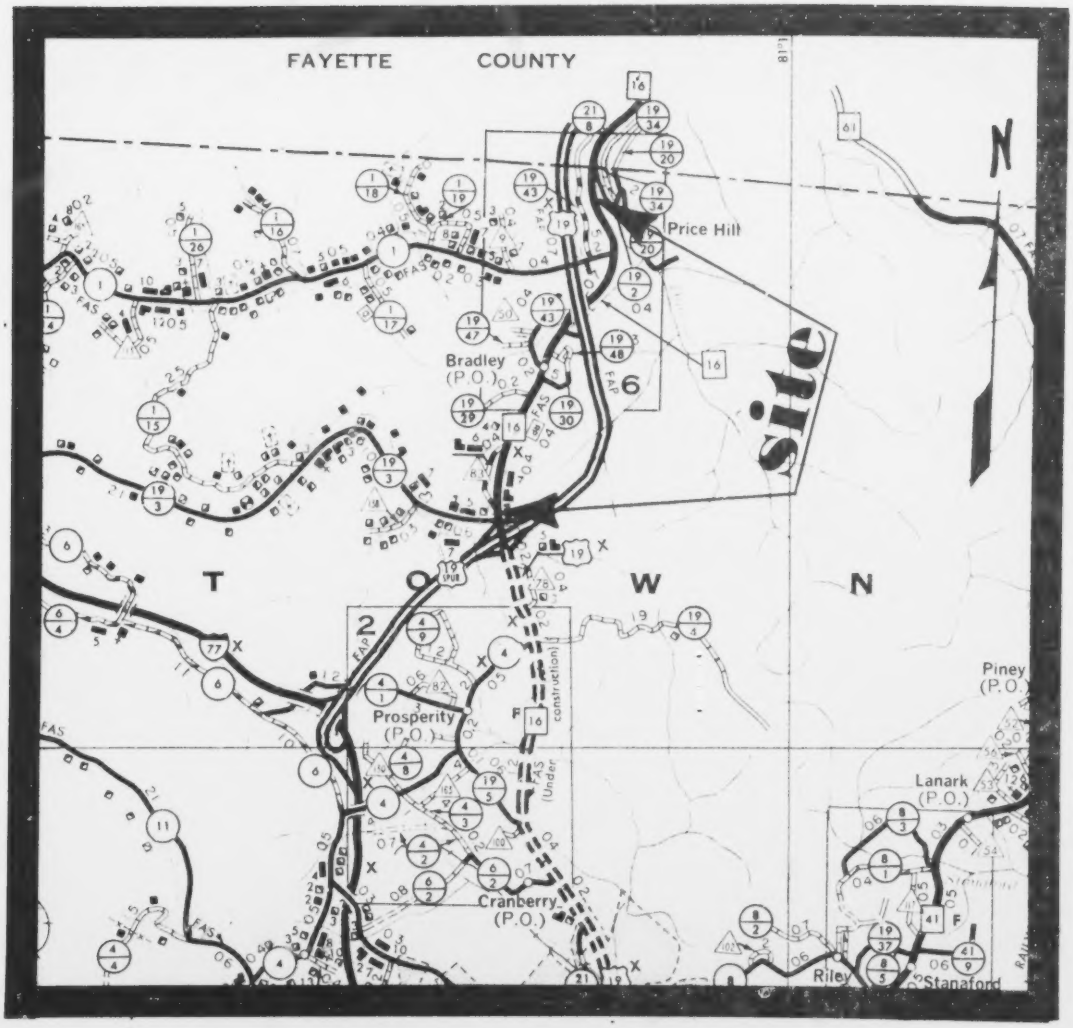


GENERAL HIGHWAY MAP

RALEIGH COUNTY
WEST VIRGINIA

69

Critical Rate Location #70
Raleigh County - WV 16
Milepost 23.09 - 25.40
Total Accidents - 79
Injured 49, Killed 0
3 Year Accident Rate-1,041



GENERAL HIGHWAY MAP

RALEIGH COUNTY
WEST VIRGINIA

70

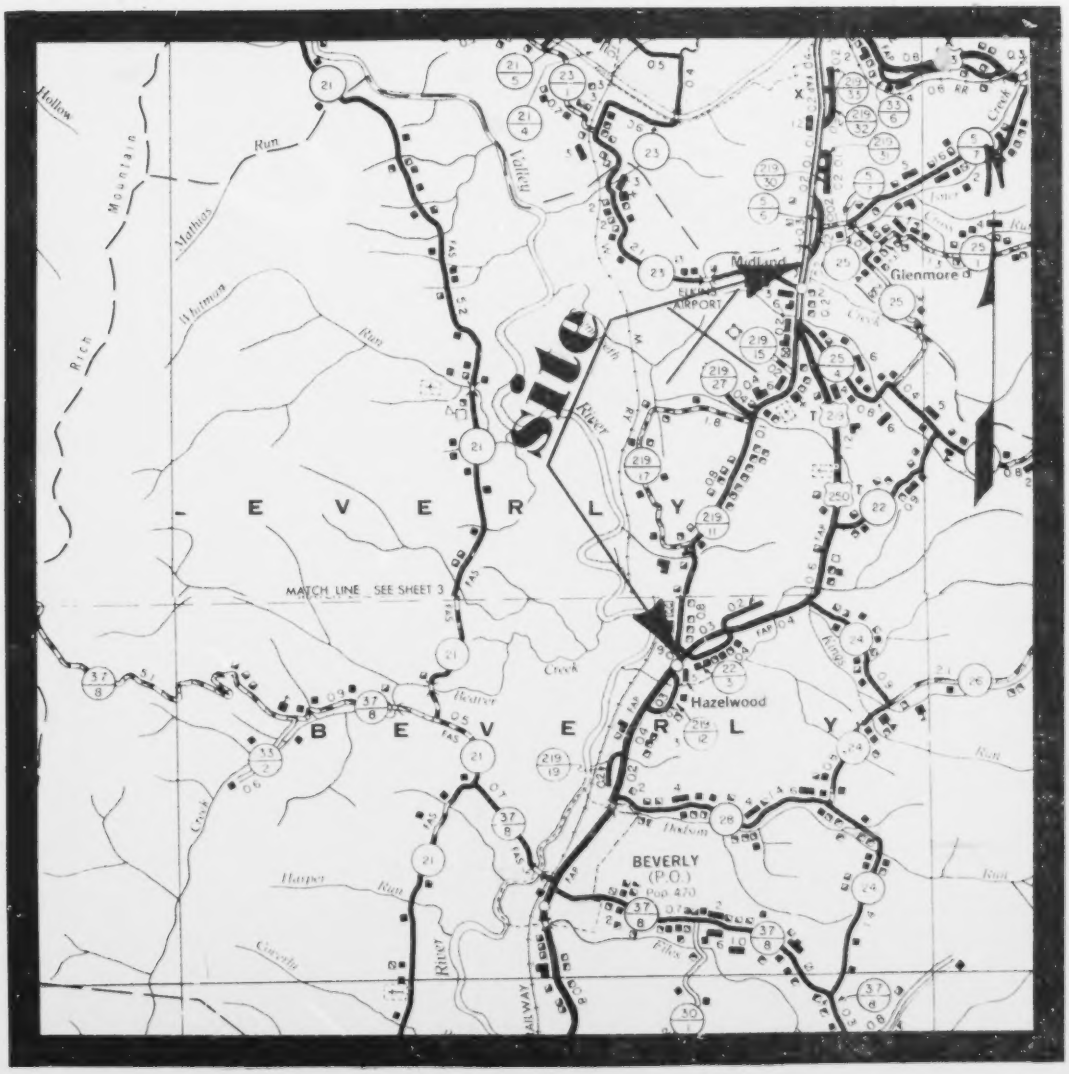
Critical Rate Location #71
Raleigh County - WV 41
Milepost 2.90 - 3.90
Total Accidents - 66
Injured 51, Killed 0
3 Year Accident Rate - 849

GENERAL HIGHWAY MAP

RALEIGH COUNTY
WEST VIRGINIA

71

Critical Rate Location #72
Randolph County - US 219
Milepost 37.20-38.50
Total Accidents - 62
Injured 38, Killed 0
3 Year Accident Rate-544

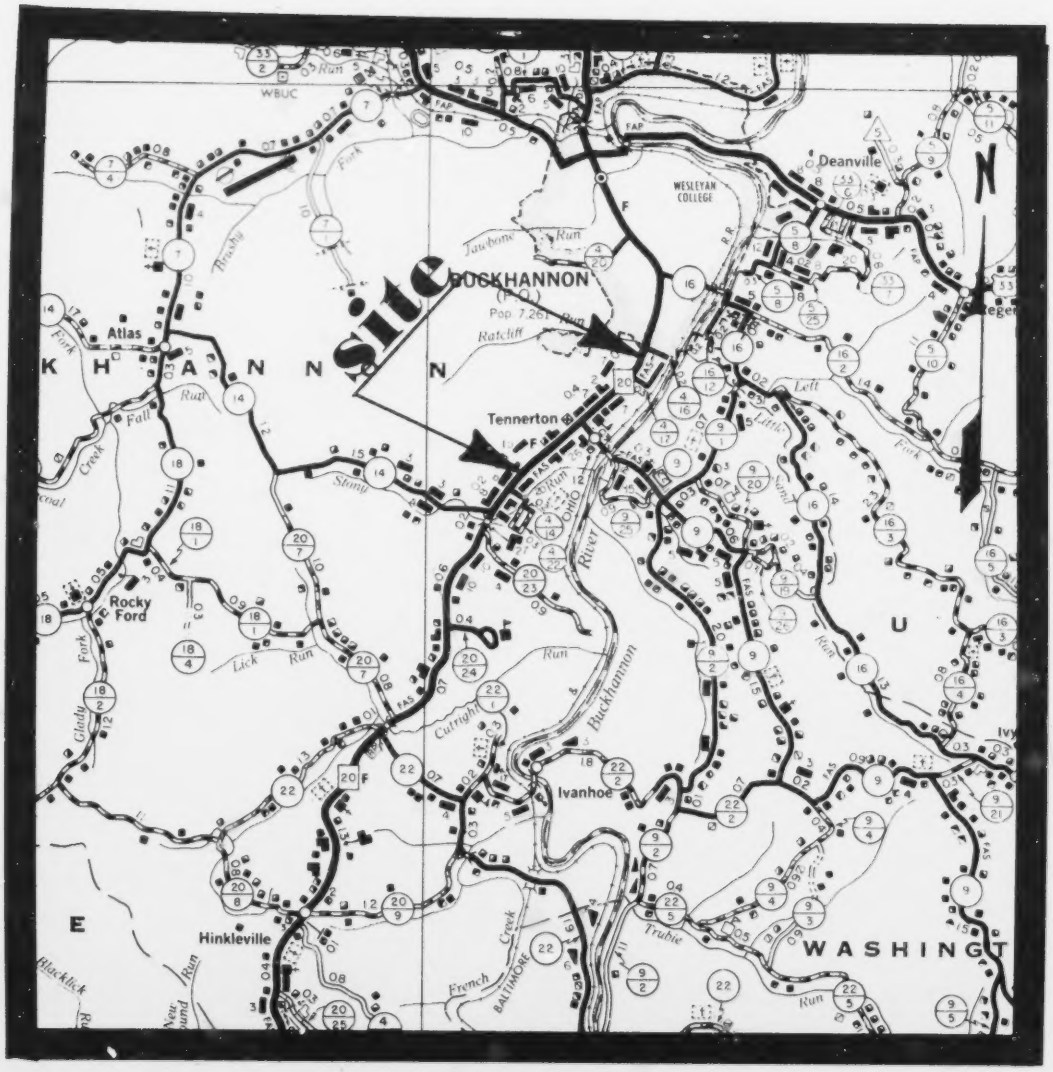


GENERAL HIGHWAY MAP

RANDOLPH COUNTY
WEST VIRGINIA

72

Critical Rate Location #73
Upshur County - WV 20
Milepost 23.20-24.25
Total Accidents - 119
Injured 36, Killed 1
3 Year Accident Rate - 796

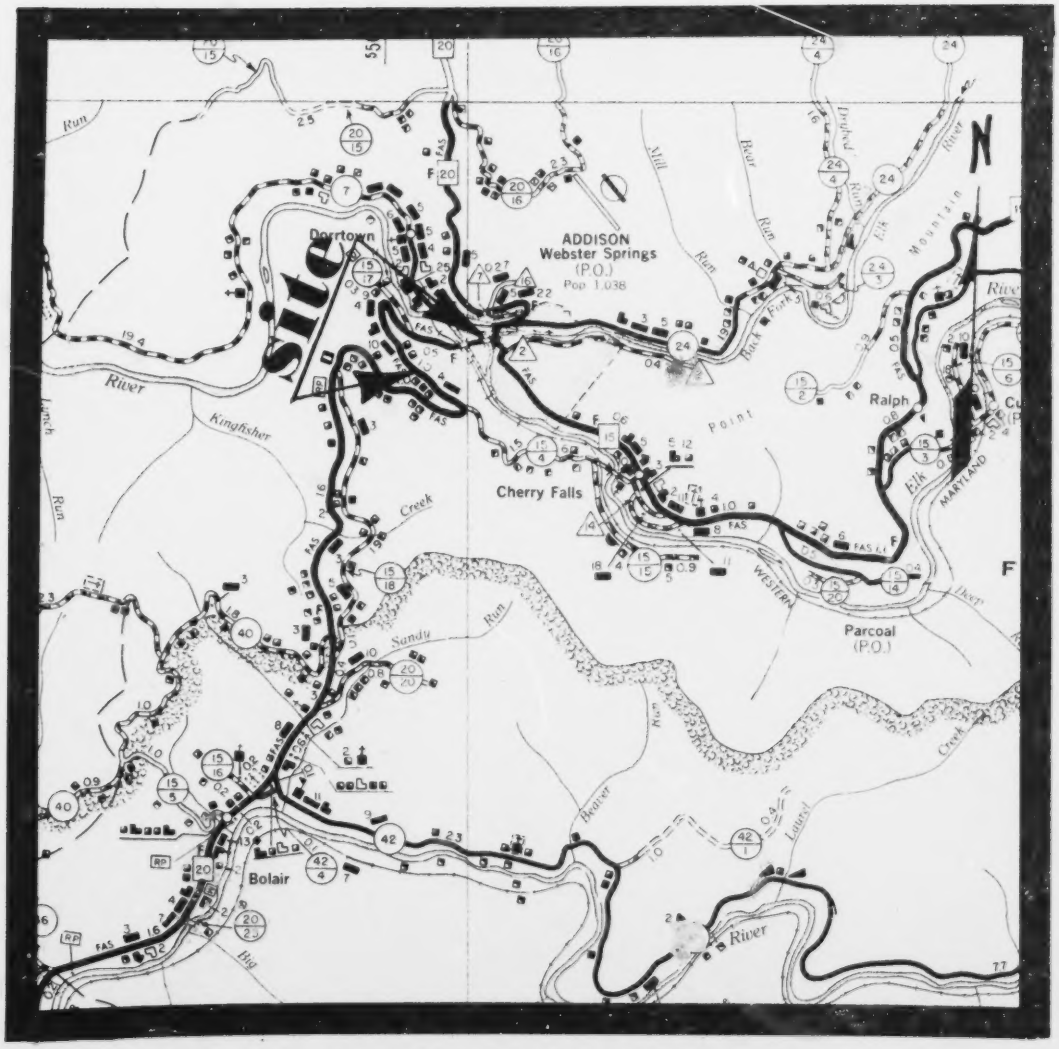


GENERAL HIGHWAY MAP

UPSHUR COUNTY
WEST VIRGINIA

(73)

Critical Rate Location #74
Webster County - WV 20
Milepost 19.10 - 20.01
Total Accidents - 30
Injured 9, Killed 2
3 Year Accident Rate - 1,115



GENERAL HIGHWAY MAP

WEBSTER COUNTY
WEST VIRGINIA

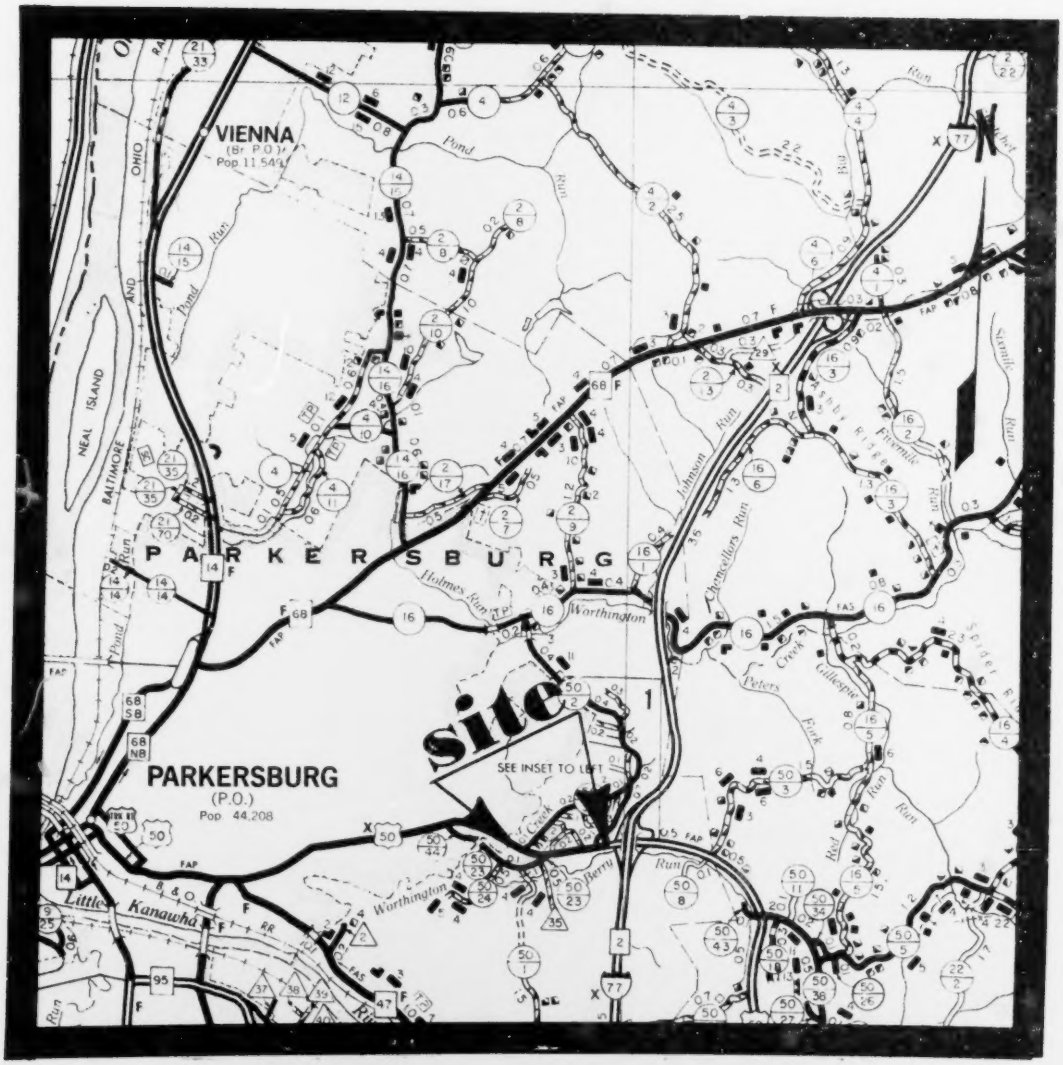
74

Critical Rate Location #75
Wood County - US 50
Milepost 1.02-2.16
Total Accidents - 505
Injured 198, Killed 1
3 Year Accident Rate - 2,528

PARKERSBURG
WOOD COUNTY

75

Critical Rate Location #76
Wood County - US 50
Milepost 3.45 - 4.00
Total Accidents - 84
Injured 49, Killed 0
3 Year Accident Rate - 1,213

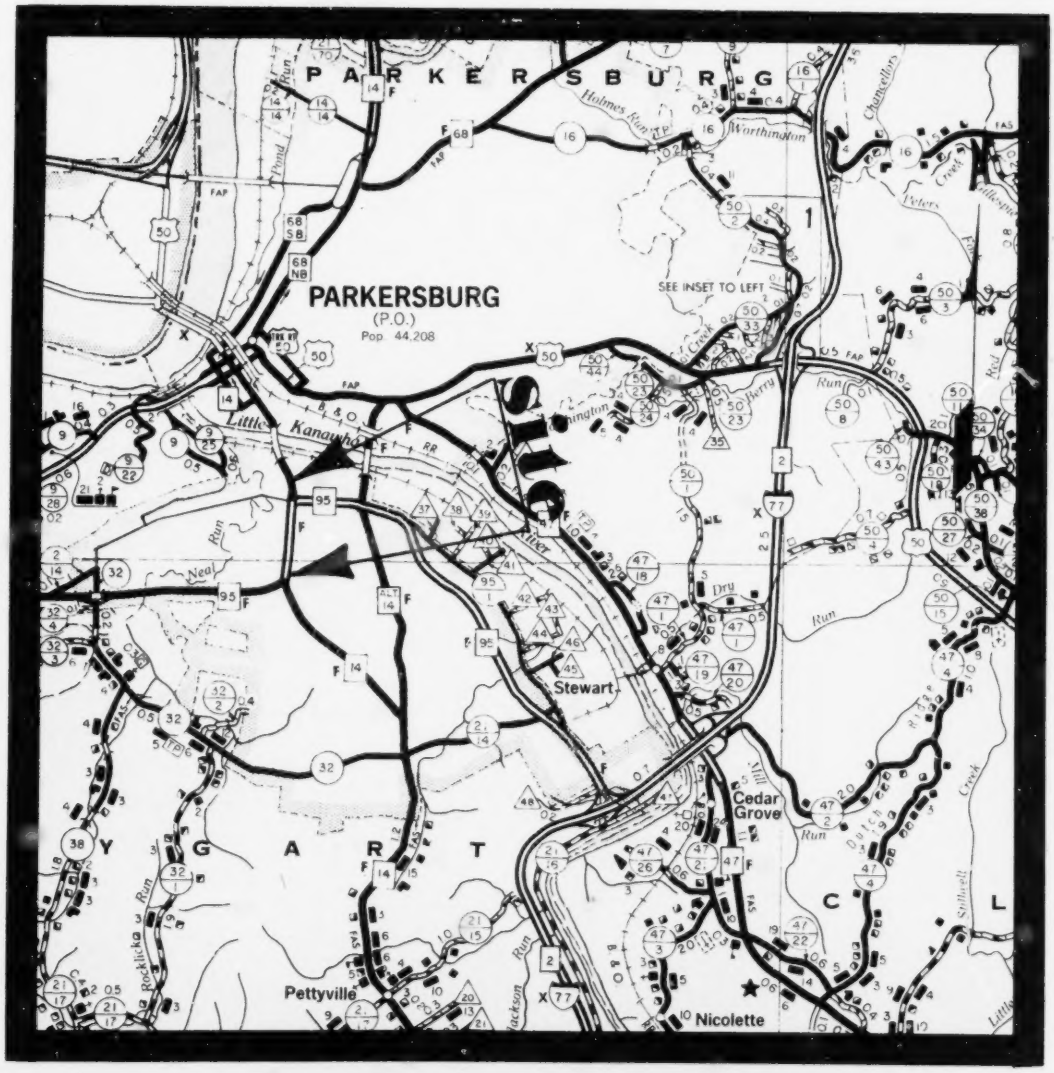


GENERAL HIGHWAY MAP

WOOD COUNTY
WEST VIRGINIA

76

Critical Rate Location #77
Wood County - WV 14
Milepost 12.30 - 13.00
Total Accidents - 197
Injured 98, Killed 0
3 Year Accident Rate - 1,298

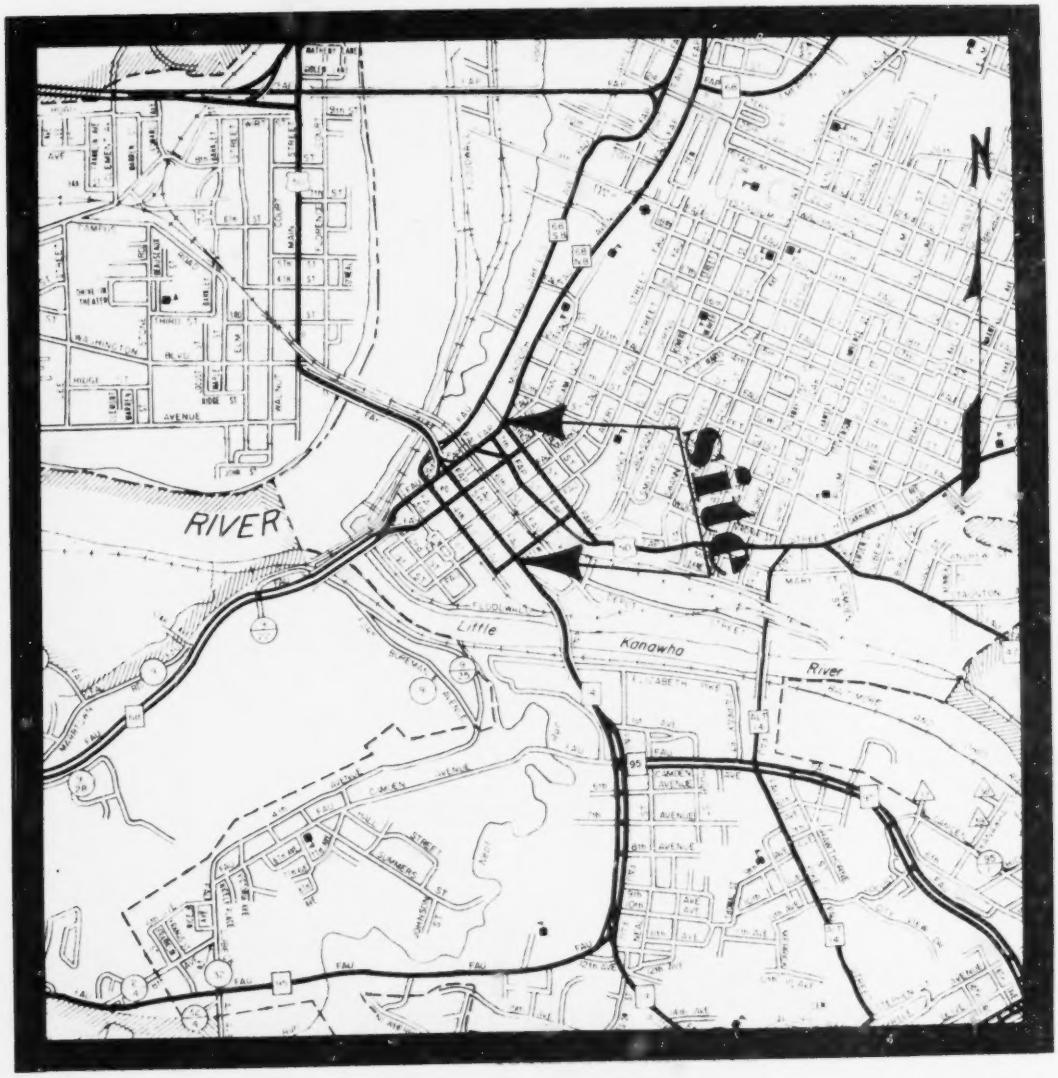


GENERAL HIGHWAY MAP

WOOD COUNTY
WEST VIRGINIA

77

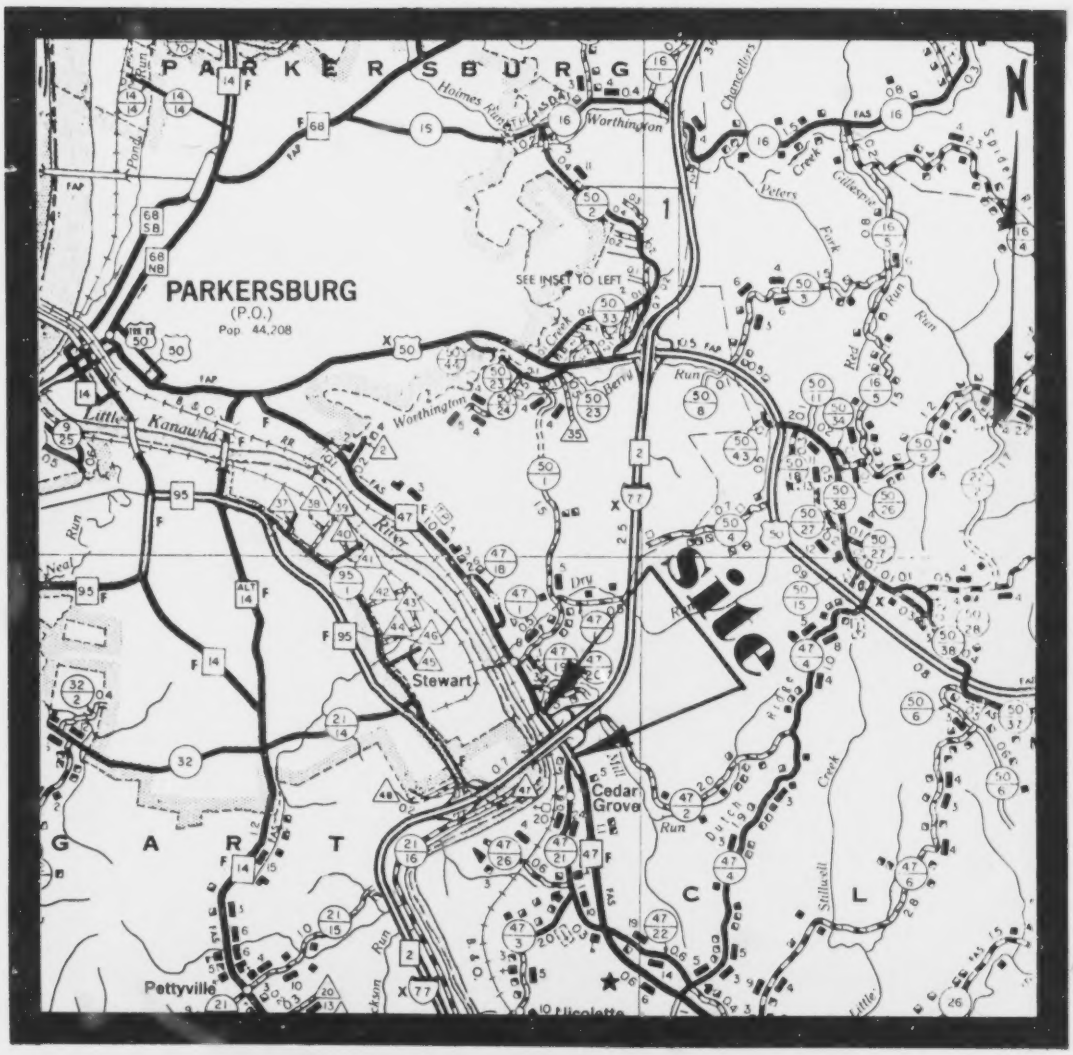
Critical Rate Location #78
Wood County - WV 14 Truck
Milepost 0.00 - 0.46
Total Accidents - 115
Injured 52, Killed 0
3 Year Accident Rate - 2,334



PARKERSBURG
WOOD COUNTY

78

Critical Rate Location #79
Wood County - WV 47
Milepost 2.64 - 3.10
Total Accidents - 31
Injured 13, Killed 0
3 Year Accident Rate - 1,256



GENERAL HIGHWAY MAP

WOOD COUNTY
WEST VIRGINIA

79

Critical Rate Location #80
Wyoming County - WV 16
Milepost 28.30 - 29.40
Total Accidents - 29
Injured 13, Killed 0
3 Year Accident Rate - 1,605

GENERAL HIGHWAY MAP

WYOMING COUNTY
WEST VIRGINIA

80

FATAL ACCIDENT CLUSTERS

Traffic accidents tend to be infrequent and random type events, and only a few accidents result in loss of life. Any major intersection of traffic, along with fixed objects and pedestrians, over the period of a year can have conflicts or exposures that will accrue into the millions. Therefore, the chance of an accident is literally one in a million(s) and the probability of a spot location with repeated fatal accidents is much lower.

Even with this low probability, cluster locations can be identified over a period of time. The Fatal Accident Locations in West Virginia have been reviewed from January 1, 1977 thru December 31, 1980 and a list of cluster locations compiled. These locations had three fatal accidents occur within a 0.40 mile segment of highway.

FATAL ACCIDENT CLUSTERS

LOCATIONS				ACCIDENTS	NUMBER OF PERSONS		*RATE
SITE	COUNTY	ROUTE	MILEPOST	FATAL	INJURED	KILLED	PER HMVM
1	Brooke	WV 2	11.70-11.96	4	2	4	1,522
2	Fayette	WV 16	2.15-2.49	3	0	3	1,588
3	Harrison	WV 20	5.03-5.43	3	4	3	431
4	Jefferson	US 340	14.68-14.91	3	2	5	285
5	Kanawha	I-77	100.96-101.01	3	1	3	380
6	Kanawha	US 60	6.42-6.73	3	1	3	906
7	Kanawha	US 60	7.12-7.36	4	0	4	852
8	Kanawha	US 60	22.65-22.95	4	5	8	851
9	Mingo	US 52	38.19-38.47	3	4	3	2,274
10	Ohio	WV 2	8.59-8.79	3	8	4	294
11	Putnam	US 35	0.58-0.80	4	4	6	242

* 3-Year Accident Rate Per Hundred Million Vehicle Miles

Includes All Accidents

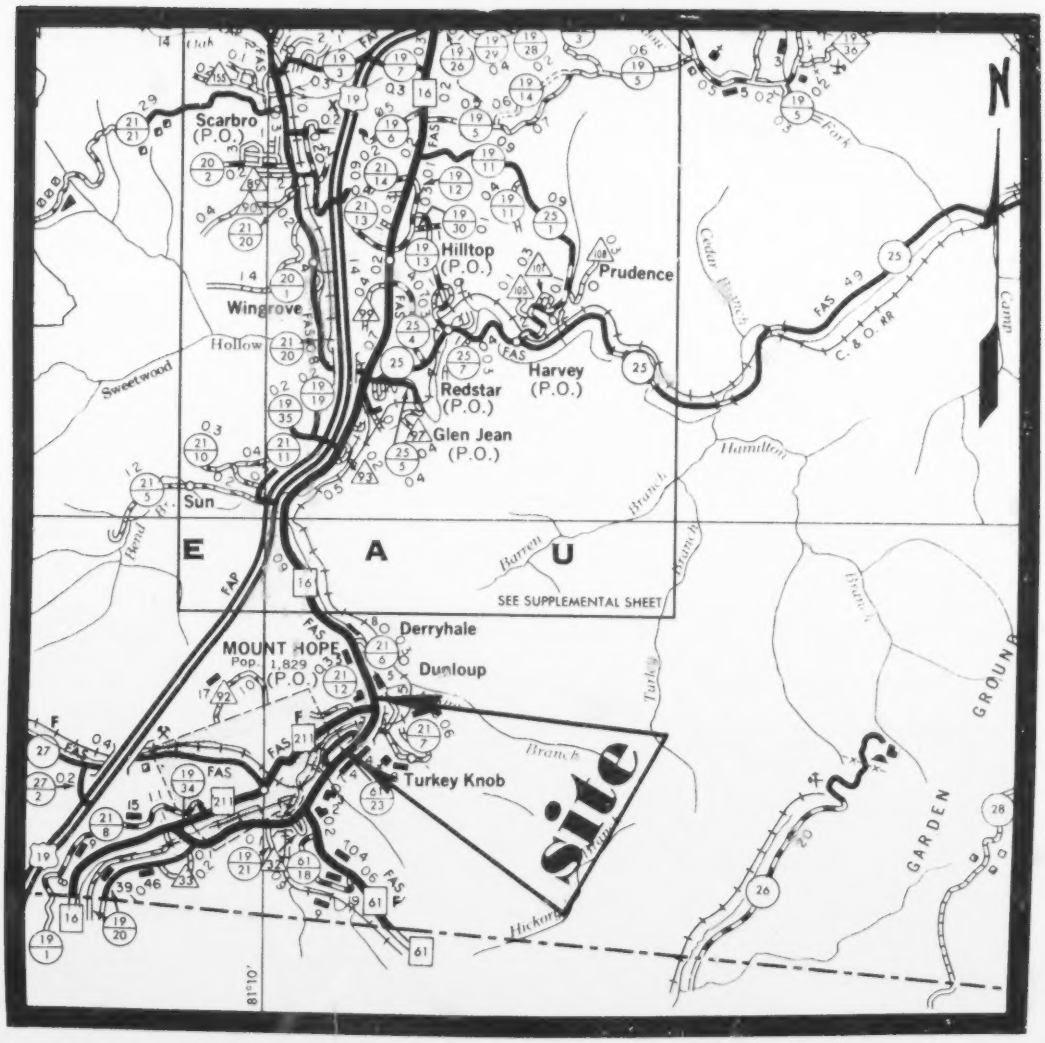
Fatal Location #1
Brooke Co. - WV 2
Milepost - 11.70-11.96
Fatal Accidents - 4
3 Year Accident Rate - 1,522

GENERAL HIGHWAY MAP

BROOKE COUNTY
WEST VIRGINIA

(1)

Fatal Location #2
Fayette Co. - WV 16
Milepost - 2.15-2.49
Fatal Accidents - 3
3 Year Accident Rate - 1,588

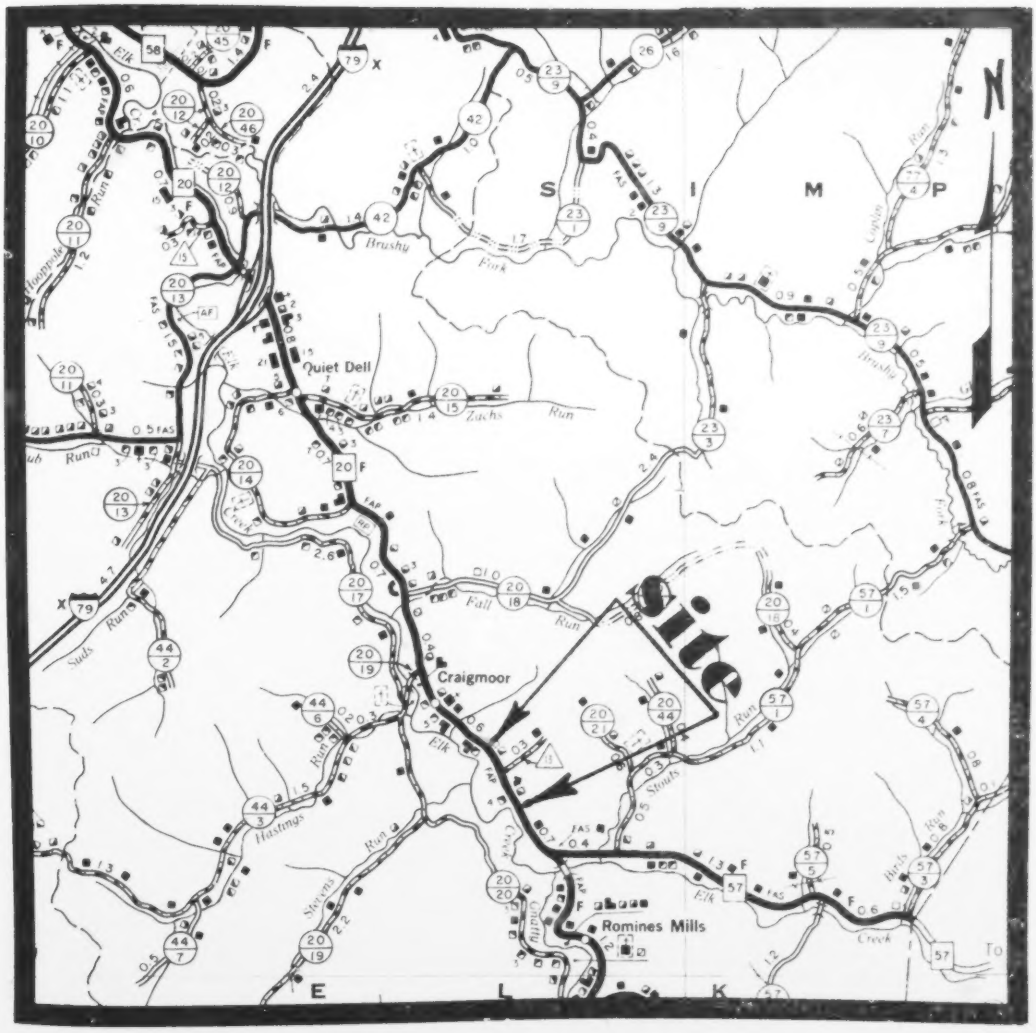


GENERAL HIGHWAY MAP

FAYETTE COUNTY
WEST VIRGINIA

(2)

Fatal Location #3
Harrison Co. - WV 20
Milepost - 5.03-5.43
Fatal Accidents - 3
3 Year Accident Rate - 431



GENERAL HIGHWAY MAP

HARRISON COUNTY
WEST VIRGINIA

(3)

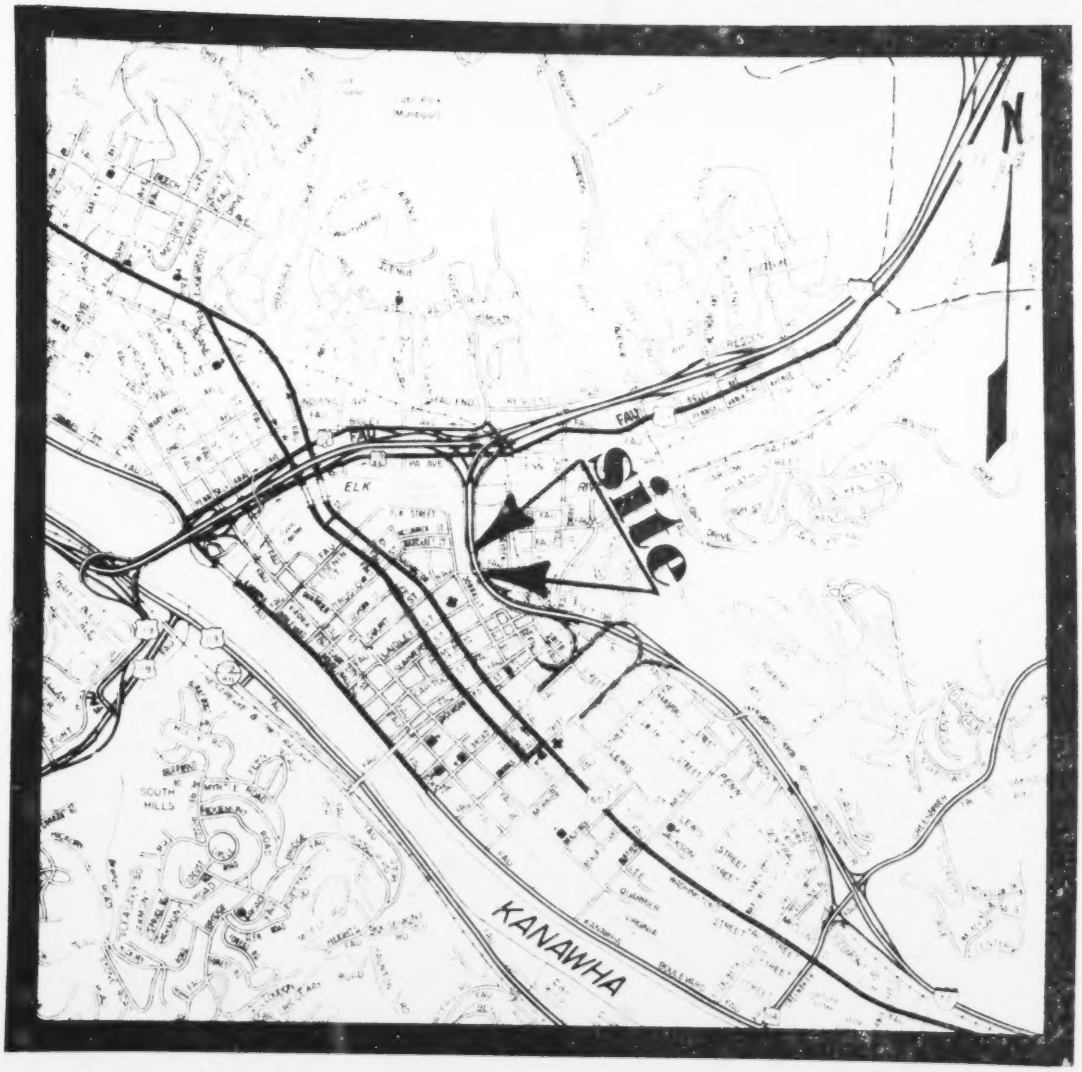
Fatal Location #4
Jefferson Co. - US 340
Milepost - 14.68-14.91
Fatal Accidents - 3
3 Year Accident Rate - 285

GENERAL HIGHWAY MAP

JEFFERSON COUNTY
WEST VIRGINIA

(4)

Fatal Location #5
Kanawha Co. - I-77
Milepost - 100.96-101.01
Fatal Accidents - 3
3 Year Accident Rate - 380



URBAN AREA MAP
AREA OF
CHARLESTON
KANAWHA COUNTY

(5)

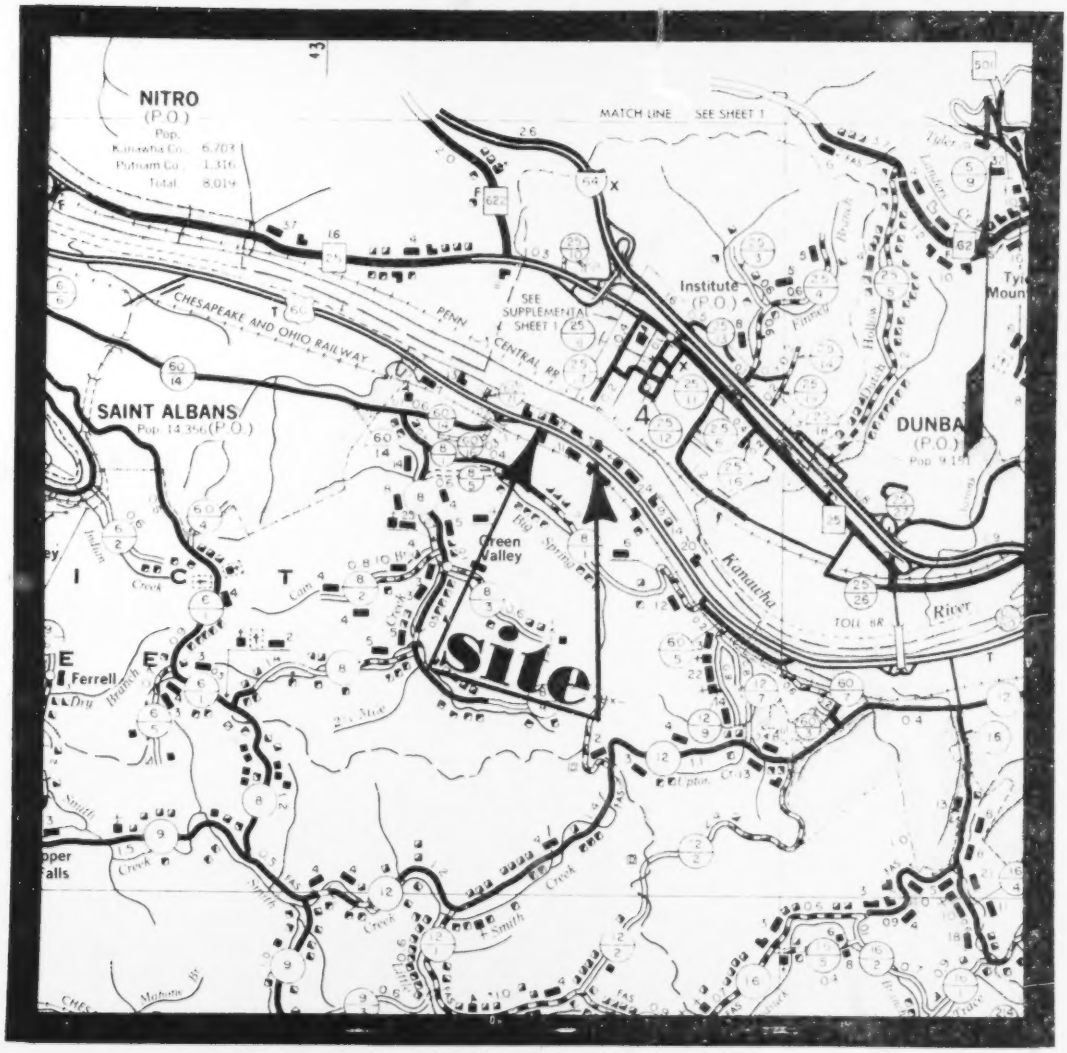
Fatal Location #6
Kanawha Co. - US 60
Milepost - 6.42-6.73
Fatal Accidents - 3
3 Year Accident Rate - 906

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(6)

Fatal Location #7
Kanawha Co. - US 60
Milepost - 7.12-7.36
Fatal Accidents - 4
3 Year Accident Rate - 852

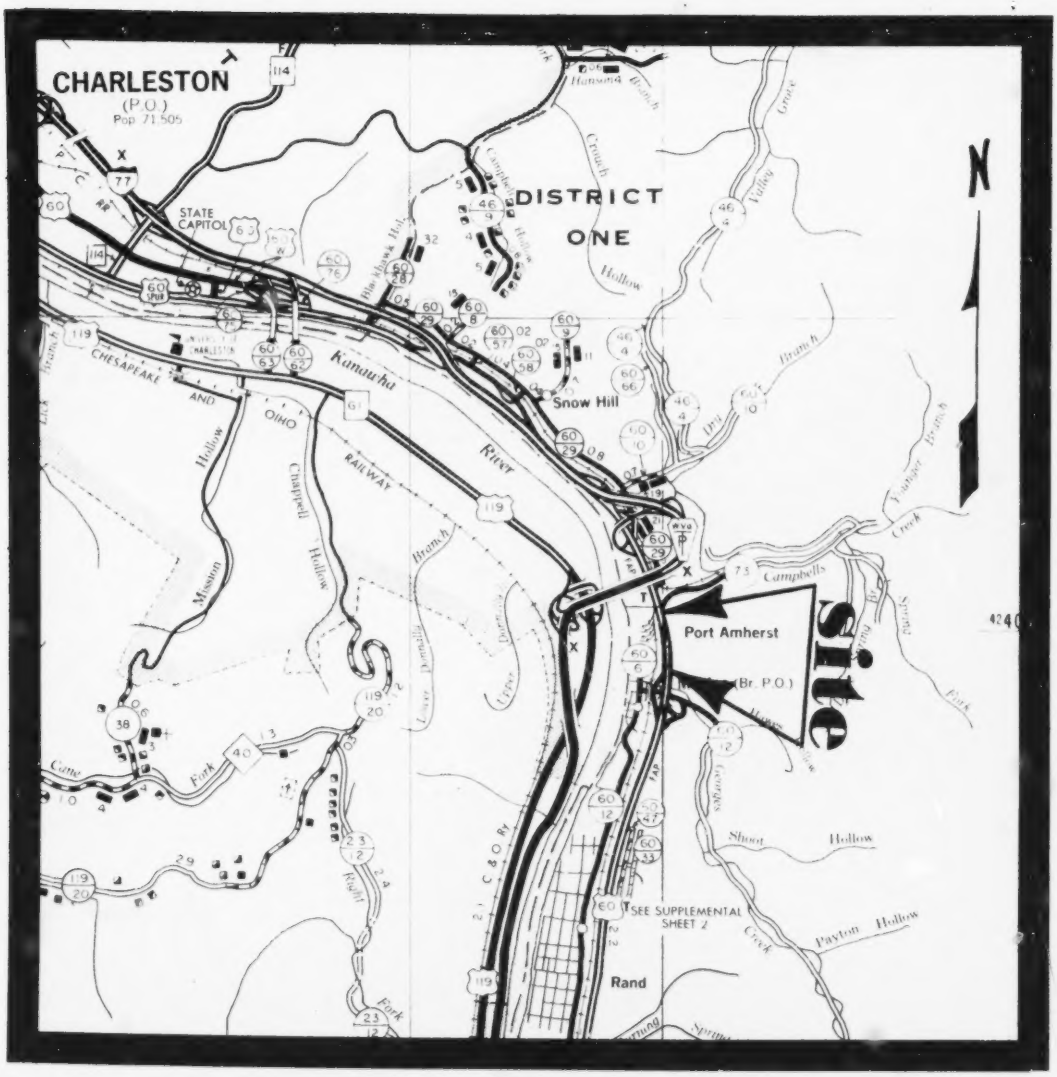


GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(7)

Fatal Location #8
Kanawha Co. - US 60
Milepost - 22.65-22.95
Fatal Accidents - 4
3 Year Accident Rate - 851



GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(8)

Fatal Location #9
Mingo Co. - US 52
Milepost - 38.19-38.47
Fatal Accidents - 3
3 Year Accident Rate - 2,274

GENERAL HIGHWAY MAP

MINGO COUNTY
WEST VIRGINIA

(9)

Fatal Location #10
Ohio Co. - WV 2
Milepost - 8.59-8.79
Fatal Accidents - 3
3 Year Accident Rate - 294

GENERAL HIGHWAY MAP

OHIO COUNTY
WEST VIRGINIA

(10)

Fatal Location #11
Putnam Co. - US 35
Milepost - 0.58-0.80
Fatal Accidents - 4
3 Year Accident Rate - 242

GENERAL HIGHWAY MAP

PUTNAM COUNTY
WEST VIRGINIA

(11)

SIGNIFICANT ACCIDENT INCREASE LOCATIONS

We have used the basic principles of Before-And-After Accident Analyses that are generally applied to spot improvements and have made a statewide study by using computer processing. These findings were then related to statistical significance.

Our study utilized the change in percentage of accident occurrence as the basis of measure. The accident totals and percent of change were compiled and compared on highway segments incremented into 2.00 mile lengths. These data were gathered on all routes during the last three (3) years (1978-1980). The "before" period used was the average number of accidents occurring on the highway segment during the first two years and the "after" period was the 1980 accident totals. By using a quality control technique and performing statistical significance testing, highway segments exceeding upper and lower control limits were compiled. This list was reviewed and only those highway segments with at least ten (10) accidents per mile, one of which had to be a fatality, were allowed to remain.

Accident totals and rates for 1980 were then tabulated for each of the thirty (30) SIGNIFICANT ACCIDENT INCREASE LOCATIONS.

1980 SIGNIFICANT INCREASE LOCATIONS

LOCATION				1978&1979 ACCIDENTS	1980 ACCIDENTS		* RATE
SITE	COUNTY	ROUTE	MILEPOST	AVERAGE	TOTAL	PERCENT INCREASE	PER HMVM
1	Brooke	US 22	3.09-5.00	15.0	25	67	311
2	Fayette	CR 14	0.00-2.00	15.0	31	107	2,172
3	Grant	WV 28	11.50-13.38	17.5	25	43	932
4	Harrison	US 19	17.50-19.50	17.5	28	60	550
5	Kanawha	US 60	30.00-35.50	87.5	115	31	431
6	Kanawha	US 60	38.00-40.00	19.5	27	38	343
7	Kanawha	US 119	10.00-14.00	158.5	191	21	1,186
8	Kanawha	US 119	37.00-39.00	12.5	23	84	622
9	Kanawha	US 119 SB	0.00-1.11	46.0	57	24	802
10	Kanawha	WV 25	5.00-7.00	48.0	61	27	641
11	Kanawha	WV 214	3.00-6.00	20.5	31	51	576
12	Kanawha	WV 622	7.00-9.00	10.0	16	60	810
13	Kanawha	CR 21	5.00-8.01	6.0	32	433	484
14	Kanawha	CR 21	11.52-13.50	11.0	17	55	782
15	Kanawha	CR 60/12	3.00-5.00	31.5	44	40	781
16	Lewis	US 19	23.50-26.50	60.5	75	24	1,933
17	Logan	US 119	13.00-16.00	23.5	39	66	450
18	Logan	CR 5	1.00-3.50	16.5	32	94	2,332
19	McDowell	US 52	1.00-3.00	9.0	15	67	854
20	McDowell	US 52	19.50-21.50	17.5	27	54	605
21	Marion	US 19	12.00-15.50	26.5	42	58	631
22	Marion	CR 64	3.00-4.61	21.5	31	44	1,503
23	Marion	CR 72/1	0.00-2.00	23.0	37	61	12,239
24	Monongalia	WV 7	35.50-37.50	29.0	39	34	614
25	Preston	WV 7	11.00-15.00	45.5	65	43	1,119

* 1980 ACCIDENT RATE PER HMVM

1980 SIGNIFICANT INCREASE LOCATIONS

LOCATION				1978&1979 ACCIDENTS	1980 ACCIDENTS		* RATE
SITE	COUNTY	ROUTE	MILEPOST	AVERAGE	TOTAL	PERCENT INCREASE	PER HMVM
26	Raleigh	US 19	17.00-19.00	102.0	123	21	962
27	Raleigh	WV 3	46.42-49.00	15.5	32	106	1,255
28	Randolph	US 33	15.00-17.00	73.5	90	22	980
29	Taylor	US 119	7.50-11.00	33.0	50	52	1,365
30	Wood	WV 68	12.00-14.50	16.5	24	45	486

* 1980 ACCIDENT RATE PER HMVM

Significant Increase Location #1
Brooke Co. - US 22
Milepost 3.09-5.00
1980 Accident Increase - 67%
Accidents - 25 Injured 13
Killed - 1
1980 Accident Rate - 311

GENERAL HIGHWAY MAP

BROOKE COUNTY
WEST VIRGINIA

(1)

Significant Increase Location #2
Fayette Co. - CR 14
Milepost 0.00-2.00
1980 Accident Increase - 107%
Accidents - 31 Injured - 16
Killed - 1
1980 Accident Rate - 2,172

GENERAL HIGHWAY MAP

FAYETTE COUNTY
WEST VIRGINIA

(2)

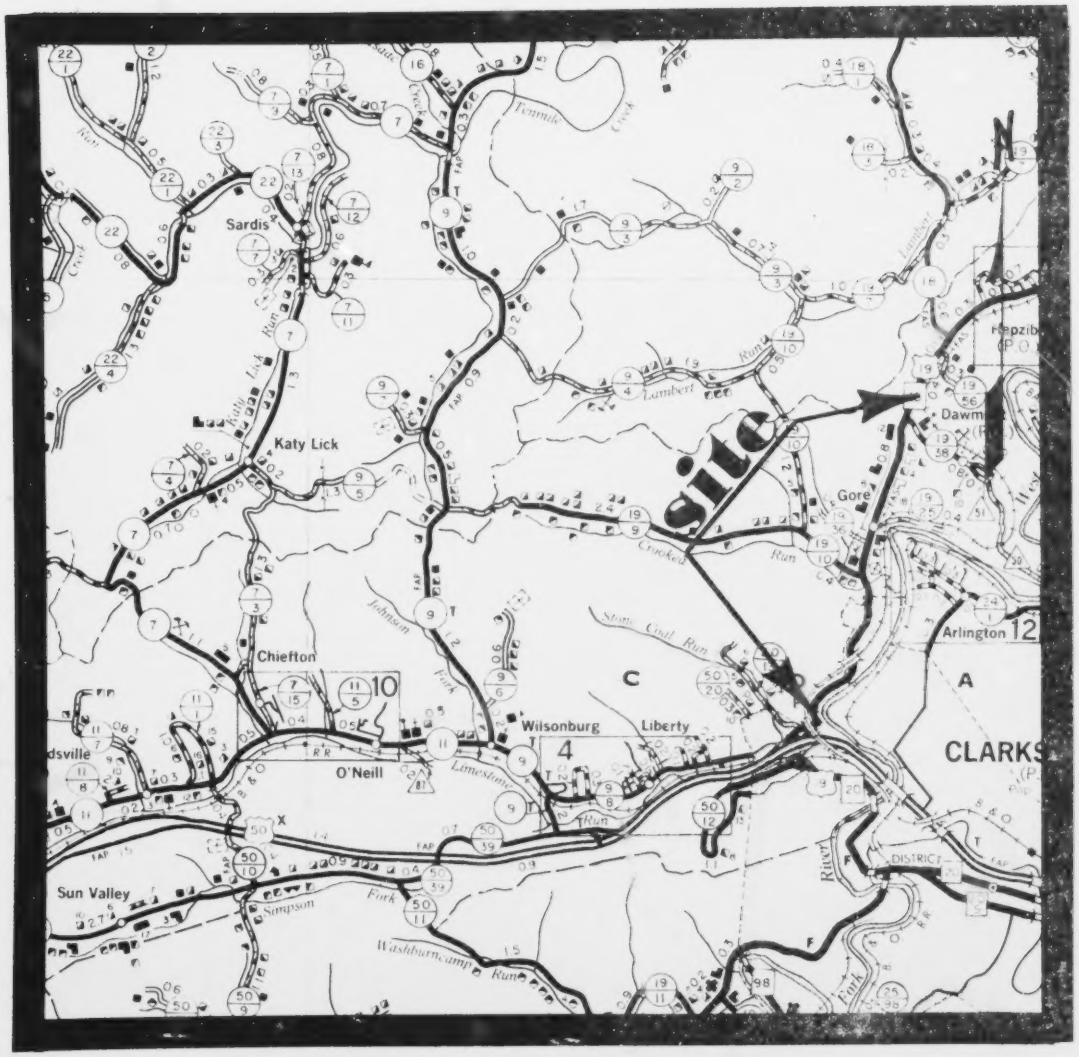
Significant Increase Location #3
Grant Co. - WV 28
Milepost 11.50-13.38
1980 Accident Increase - 43%
Accidents - 25 Injured - 18
Killed - 1
1980 Accident Rate - 932

GENERAL HIGHWAY MAP

GRANT COUNTY
WEST VIRGINIA

(3)

Significant Increase Location #4
Harrison Co. - US 19
Milepost 17.50-19.50
1980 Accident Increase - 60%
Accidents - 28 Injured - 21
Killed - 1
1980 Accident Rate - 550

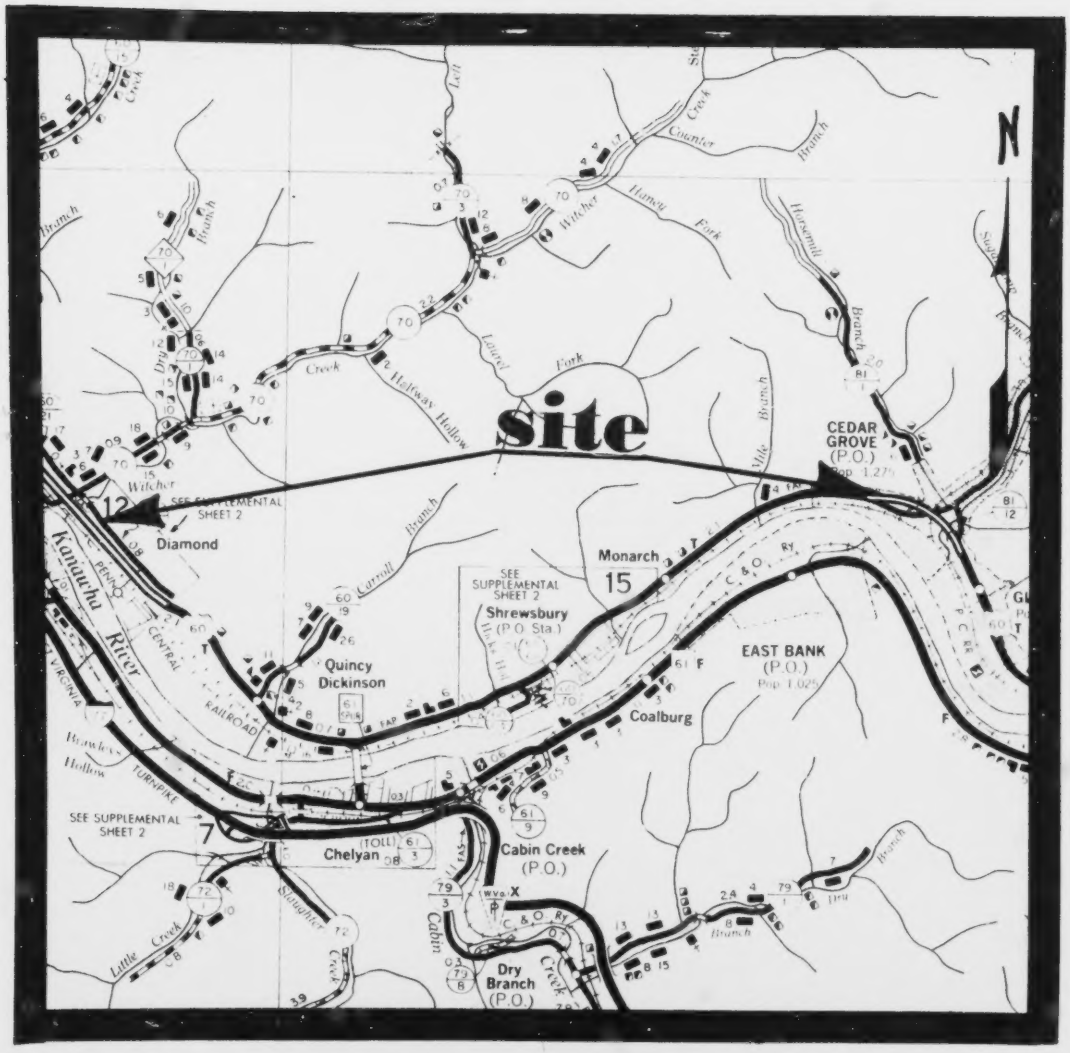


GENERAL HIGHWAY MAP

HARRISON COUNTY
WEST VIRGINIA

(4)

Significant Increase Location #5
Kanawha Co. - US 60
Milepost 30.00-35.50
1980 Accident Increase - 31%
Accidents - 115 Injured - 90
Killed - 2
1980 Accident Rate - 431



GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(5)

Significant Increase Location #6
Kanawha Co. - US 60
Milepost 38.00-40.00
1980 Accident Increase - 38%
Accidents - 27 Injured - 27
Killed - 1
1980 Accident Rate - 343

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

6

Significant Increase Location #7
Kanawha Co. - US 119
Milepost 10.00-14.00
1980 Accident Increase - 21%
Accidents - 191 Injured - 85
Killed - 3
1980 Accident Rate - 1,186

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(7)

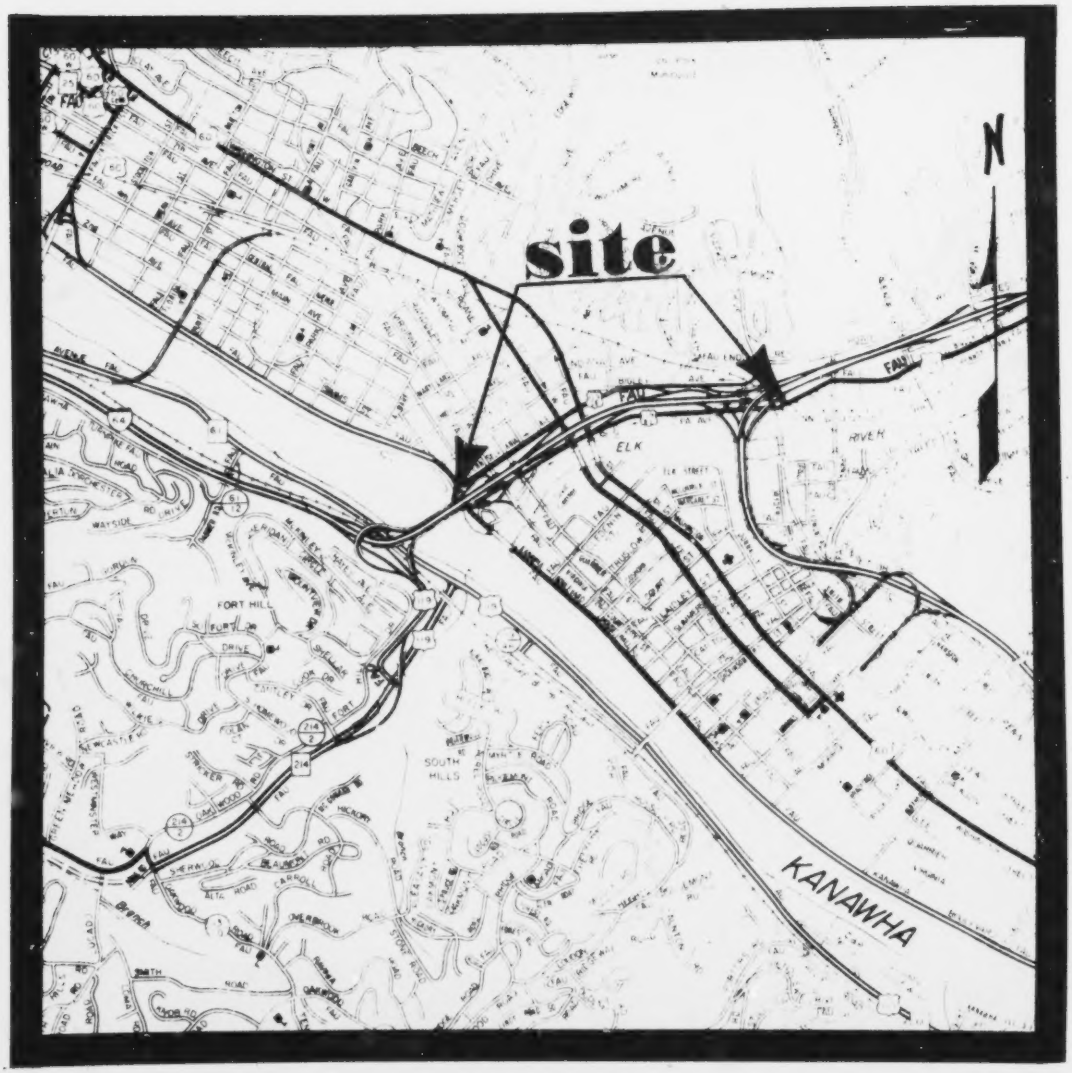
Significant Increase Location #8
Kanawha Co. - US 119
Milepost 37.00-39.00
1980 Accident Increase - 84%
Accidents - 23 Injured - 8
Killed - 1
1980 Accident Rate - 622

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(8)

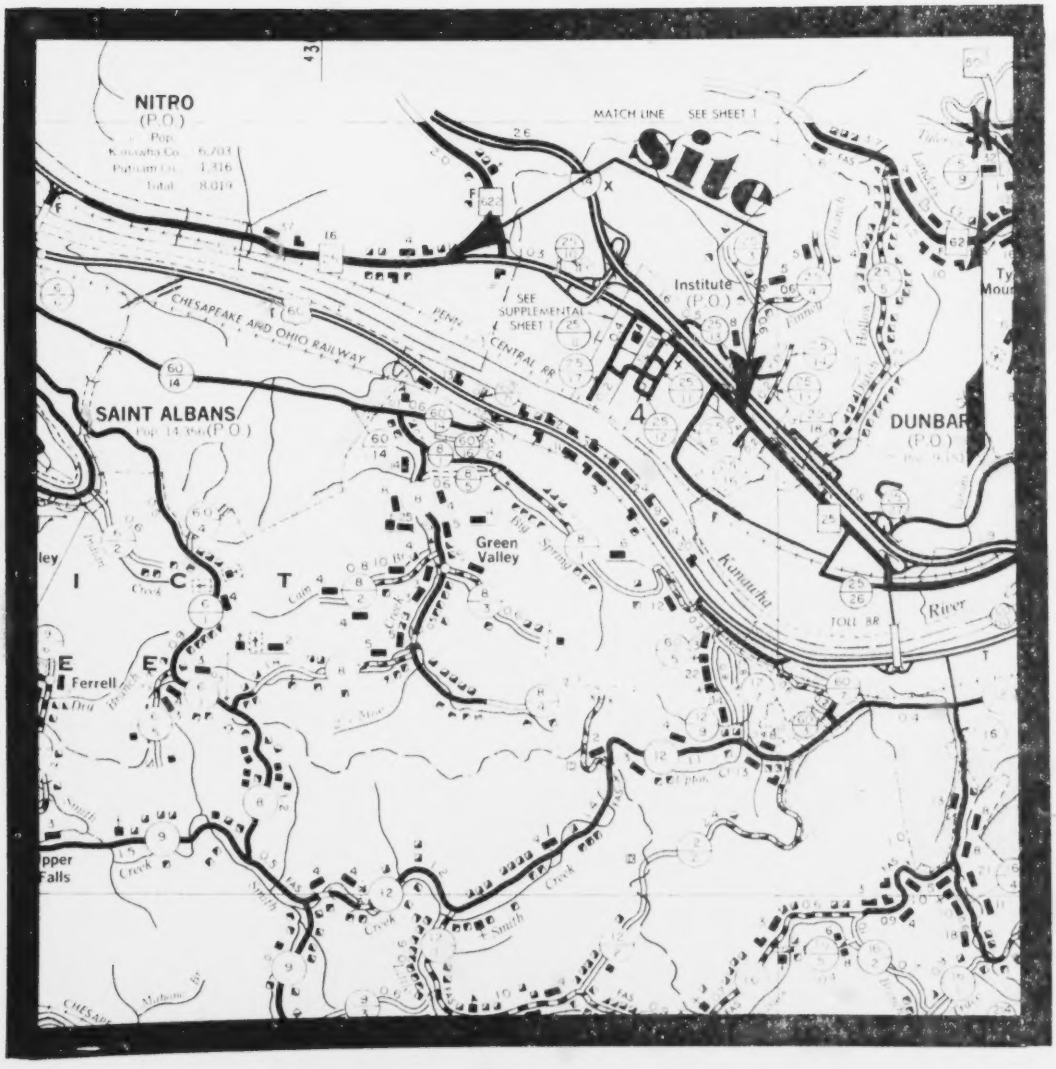
Significant Increase Location #9
Kanawha Co. - US 119 SB
Milepost 0.00-1.11
1980 Accident Increase - 24%
Accidents - 57 Injured - 37
Killed - 1
1980 Accident Rate - 802



URBAN AREA MAP
AREA OF
CHARLESTON
KANAWHA COUNTY

(9)

Significant Increase Location #10
Kanawha Co. - WV 25
Milepost 5.00-7.00
1980 Accident Increase - 27%
Accidents - 61 Injured - 37
Killed - 2
1980 Accident Rate - 641



GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(10)

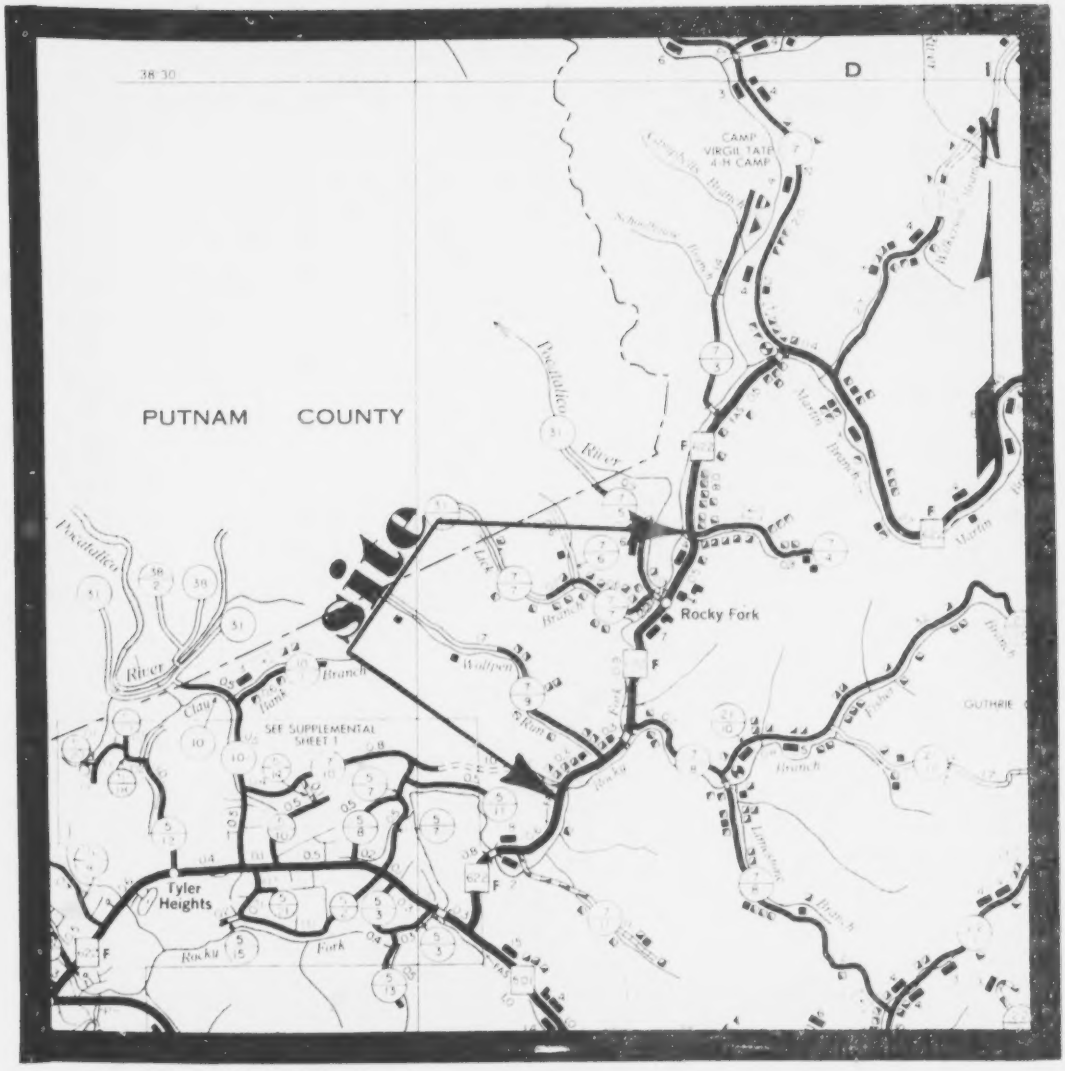
Significant Increase Location #11
Kanawha Co. - WV 214
Milepost 3.00-6.00
1980 Accident Increase - 51%
Accidents - 31 Injured - 17
Killed - 1
1980 Accident Rate - 576

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(11)

Significant Increase Location #12
Kanawha Co. - WV 622
Milepost 7.00-9.00
1980 Accident Increase - 60%
Accidents - 16 Injured - 12
Killed - 2
1980 Accident Rate - 810

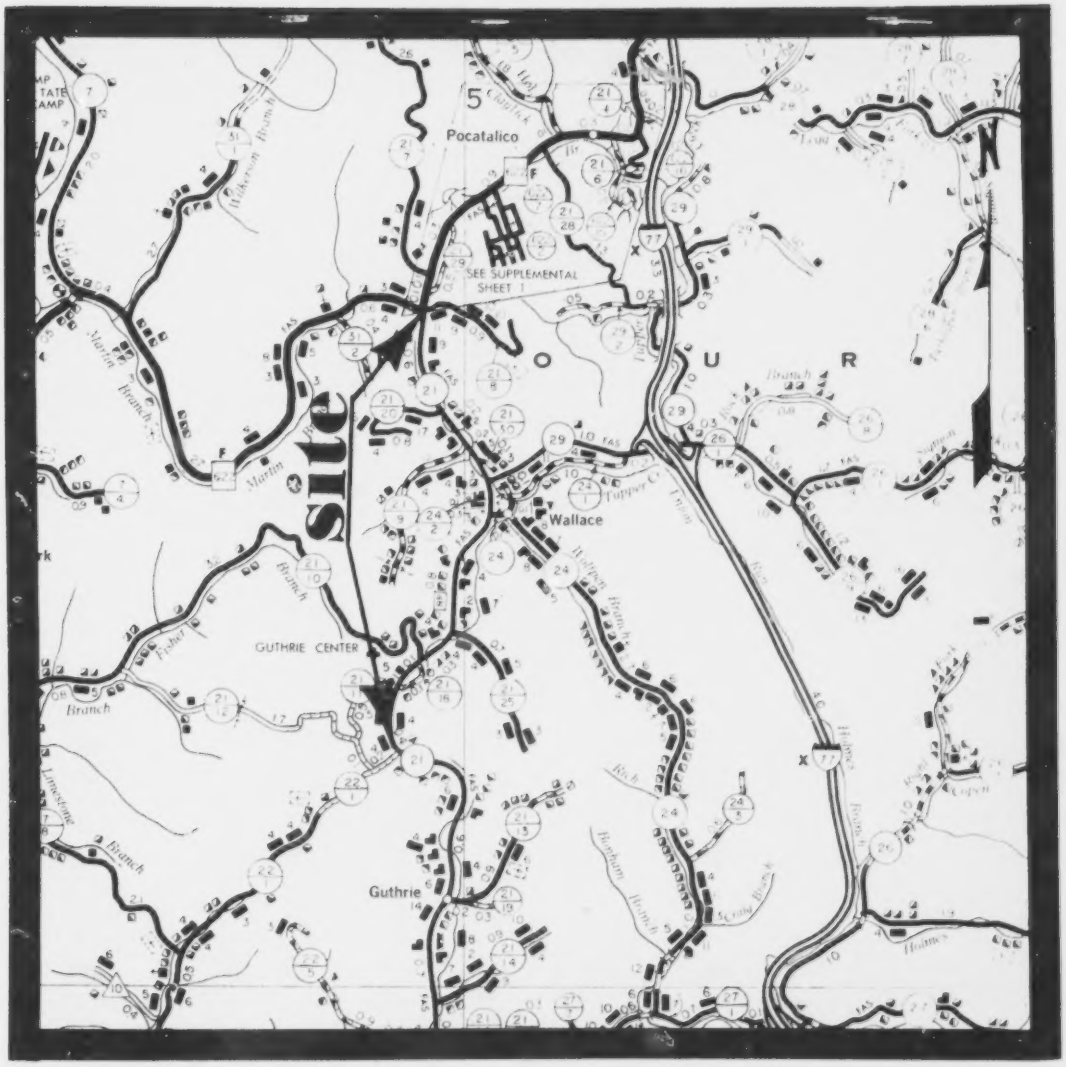


GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(12)

Significant Increase Location #13
Kanawha Co. - CR 21
Milepost 5.00-8.01
1980 Accident Increase - 433%
Accidents - 32 Injured - 20
Killed - 1
1980 Accident Rate - 484



GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

13

Significant Increase Location #14
Kanawha Co. - CR 21
Milepost 11.52-13.50
1980 Accident Increase - 55%
Accidents - 17 Injured - 10
Killed - 2
1980 Accident Rate - 782

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

14

Significant Increase Location #15
Kanawha Co. - CR 60/12
Milepost 3.00-5.00
1980 Accident Increase - 40%
Accidents - 44 Injured - 20
Killed - 1
1980 Accident Rate - 781

GENERAL HIGHWAY MAP

KANAWHA COUNTY
WEST VIRGINIA

(15)

Significant Increase Location #16
Lewis Co. - US 19
Milepost 23.50-26.50
1980 Accident Increase - 24%
Accidents - 75 Injured - 60
Killed - 1
1980 Accident Rate - 1,933

GENERAL HIGHWAY MAP

LEWIS COUNTY
WEST VIRGINIA

16

Significant Increase Location #17
Logan Co. - US 119
Milepost 13.00-16.00
1980 Accident Increase - 66%
Accidents - 39 Injured - 40
Killed - 2
1980 Accident Rate - 450

GENERAL HIGHWAY MAP

LOGAN COUNTY
WEST VIRGINIA

(17)

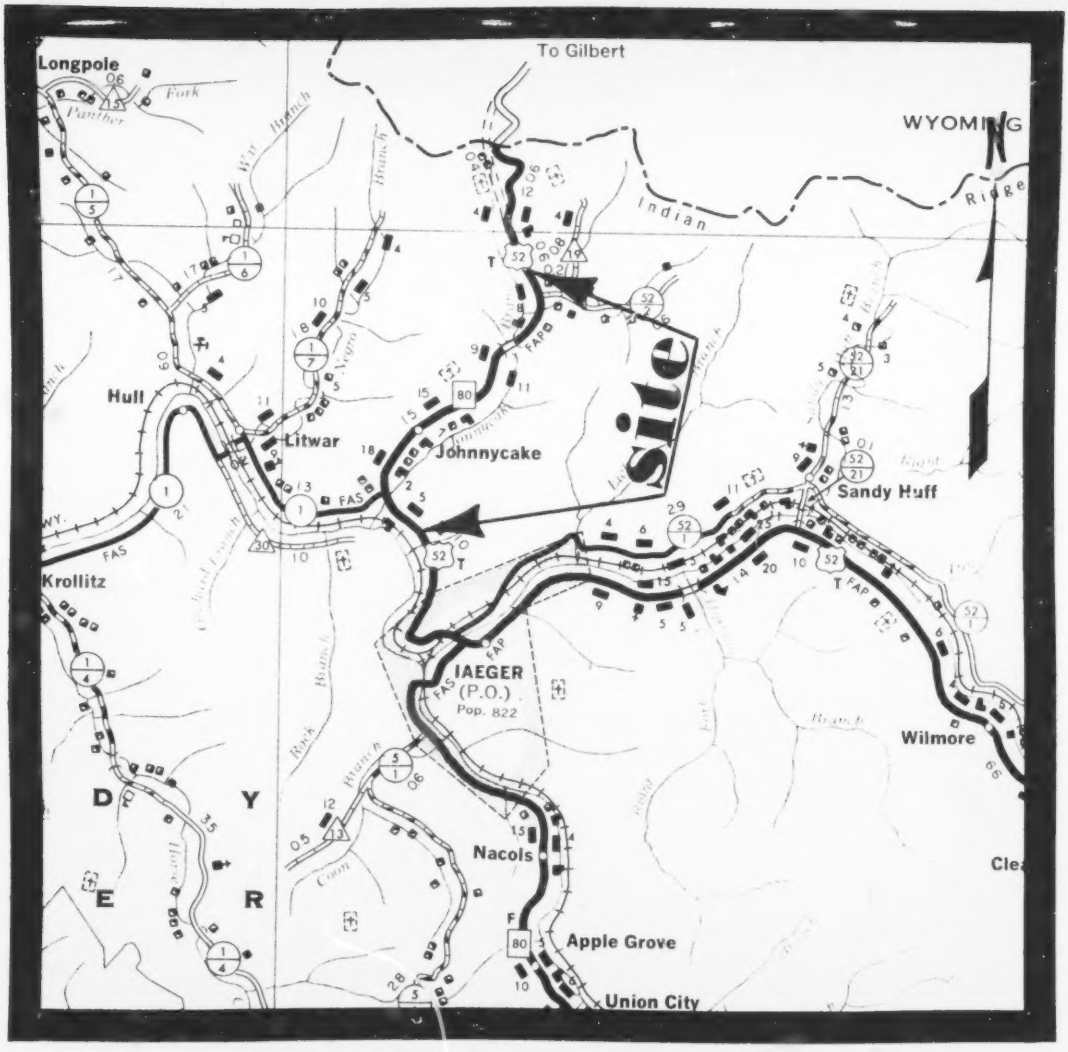
Significant Increase Location #18
Logan Co. - CR 5
Milepost 1.00-3.50
1980 Accident Increase - 94%
Accidents - 32 Injured - 19
Killed - 1
1980 Accident Rate - 2,332

GENERAL HIGHWAY MAP

LOGAN COUNTY
WEST VIRGINIA

(18)

Significant Increase Location #19
McDowell Co. - US 52
Milepost 1.00-3.00
1980 Accident Increase - 67%
Accidents - 15 Injured - 6
Killed - 2
1980 Accident Rate - 854



GENERAL HIGHWAY MAP

McDOWELL COUNTY

WEST VIRGINIA

19

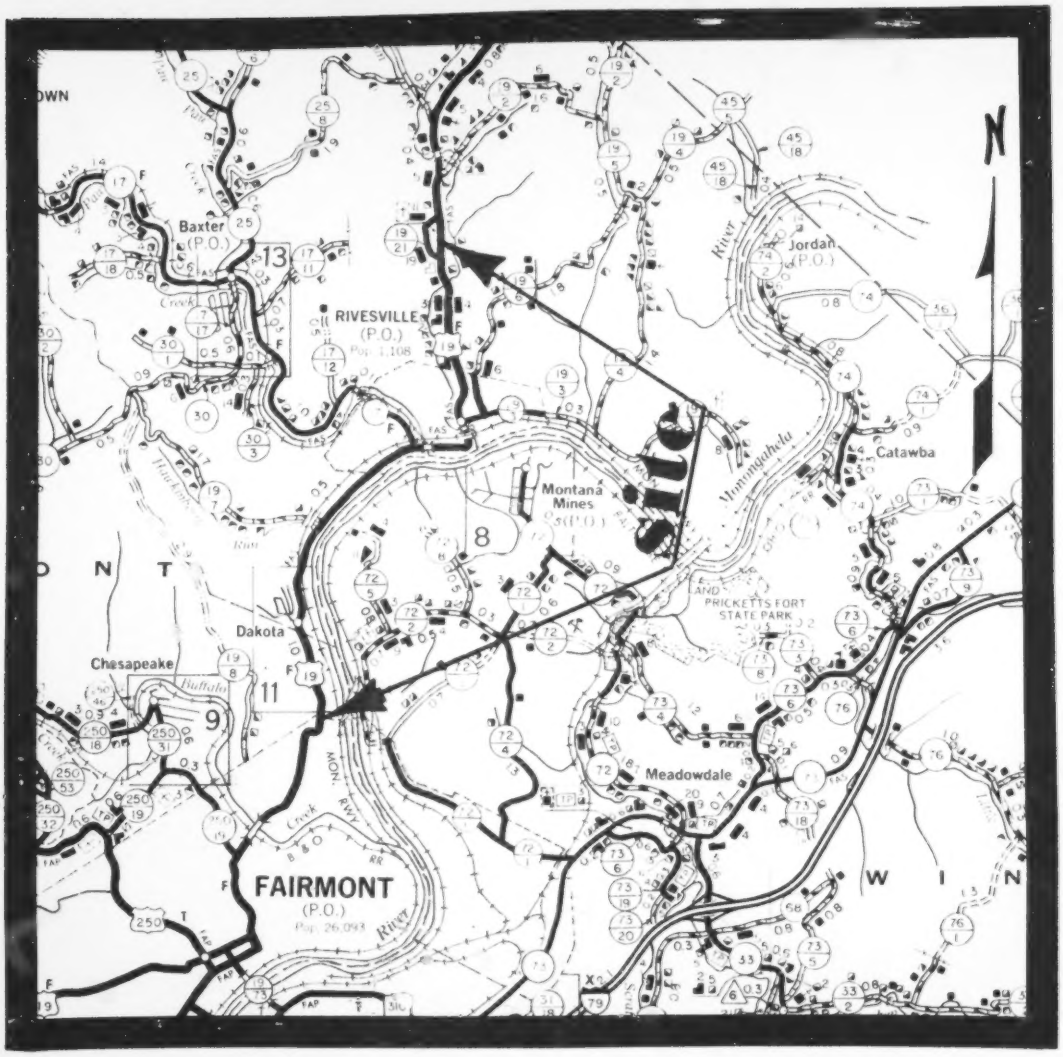
Significant Increase Location #20
McDowell Co. - US 52
Milepost 19.50-21.50
1980 Accident Increase - 54%
Accidents - 27 Injured - 11
Killed - 1
1980 Accident Rate - 605

GENERAL HIGHWAY MAP

McDOWELL COUNTY
WEST VIRGINIA

20

Significant Increase Location #21
Marion Co. - US 19
Milepost 12.00-15.50
1980 Accident Increase - 58%
Accidents - 42 Injured - 21
Killed - 2
1980 Accident Rate - 631

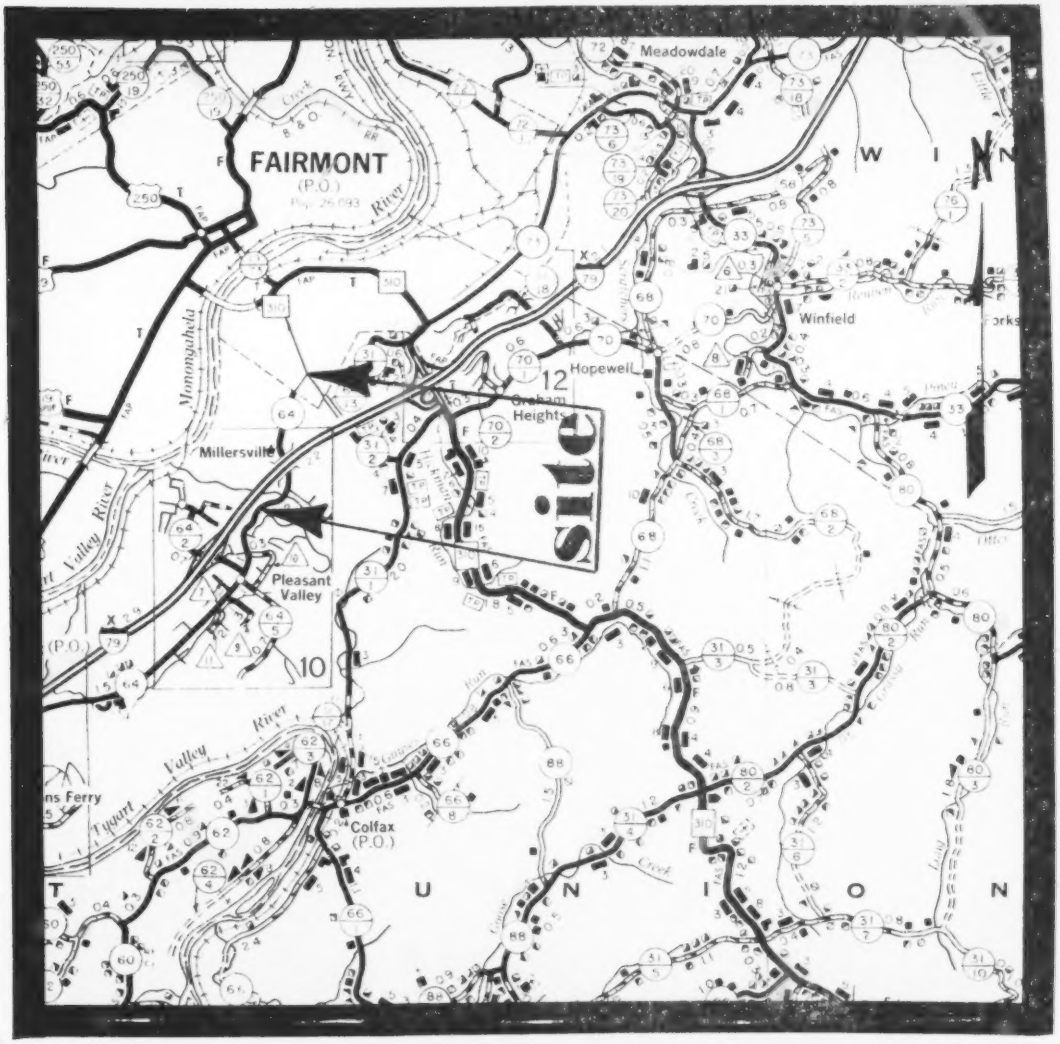


GENERAL HIGHWAY MAP

MARION COUNTY
WEST VIRGINIA

21

Significant Increase Location #22
Marion Co. - CR 64
Milepost 3.00-4.61
1980 Accident Increase - 44%
Accidents - 31 Injured - 15
Killed - 1
1980 Accident Rate - 1,503

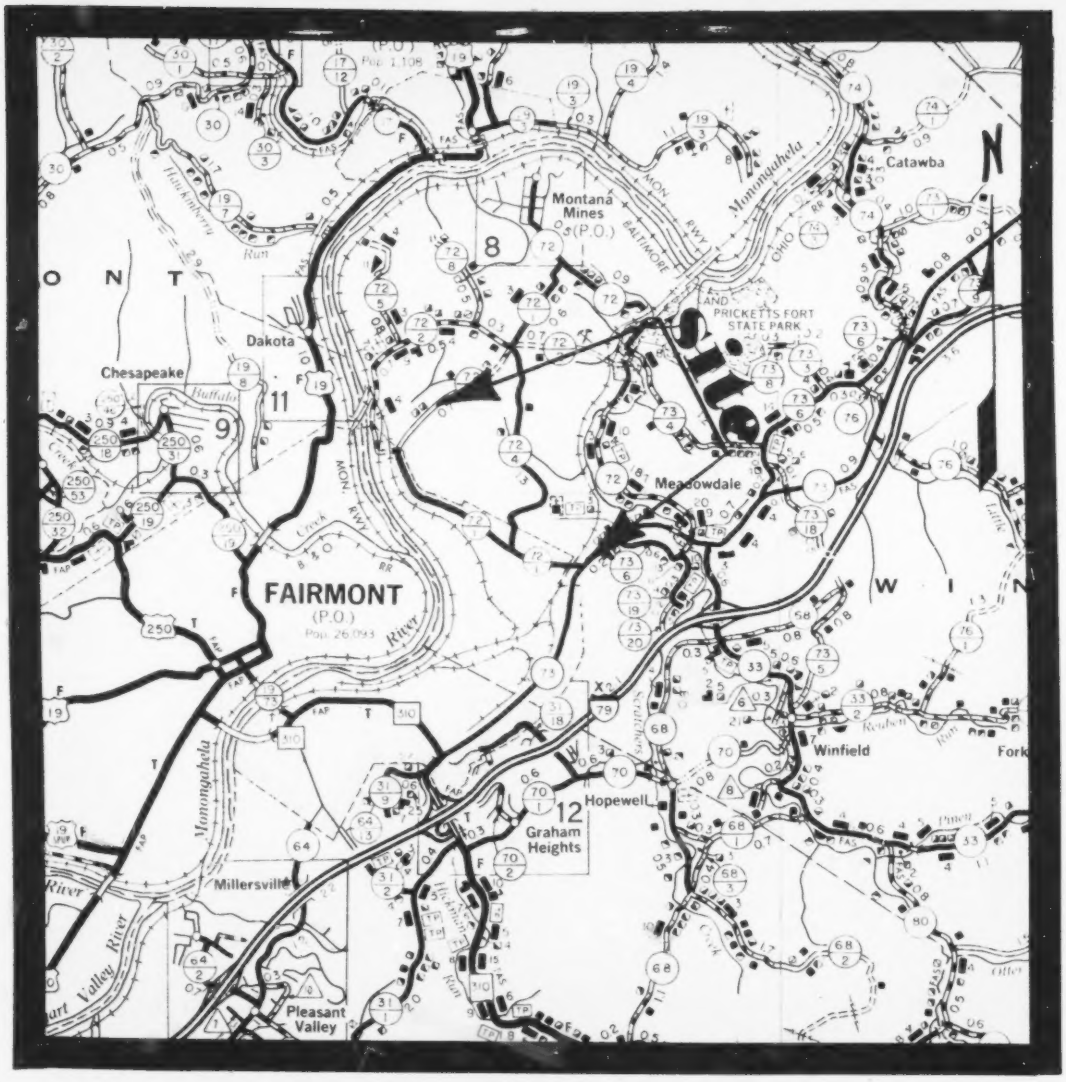


GENERAL HIGHWAY MAP

MARION COUNTY
WEST VIRGINIA

22

Significant Increase Location #23
Marion Co. - CR 72/1
Milepost 0.00-2.00
1980 Accident Increase - 61%
Accidents - 37 Injured - 13
Killed - 1
1980 Accident Rate - 12,239



GENERAL HIGHWAY MAP

MARION COUNTY
WEST VIRGINIA

(23)

Significant Increase Location #24
Monongalia Co. - WV 7
Milepost 35.50-37.50
1980 Accident Increase - 34%
Accidents - 39 Injured - 21
Killed - 1
1980 Accident Rate - 614

GENERAL HIGHWAY MAP

MONONGALIA COUNTY
WEST VIRGINIA

24

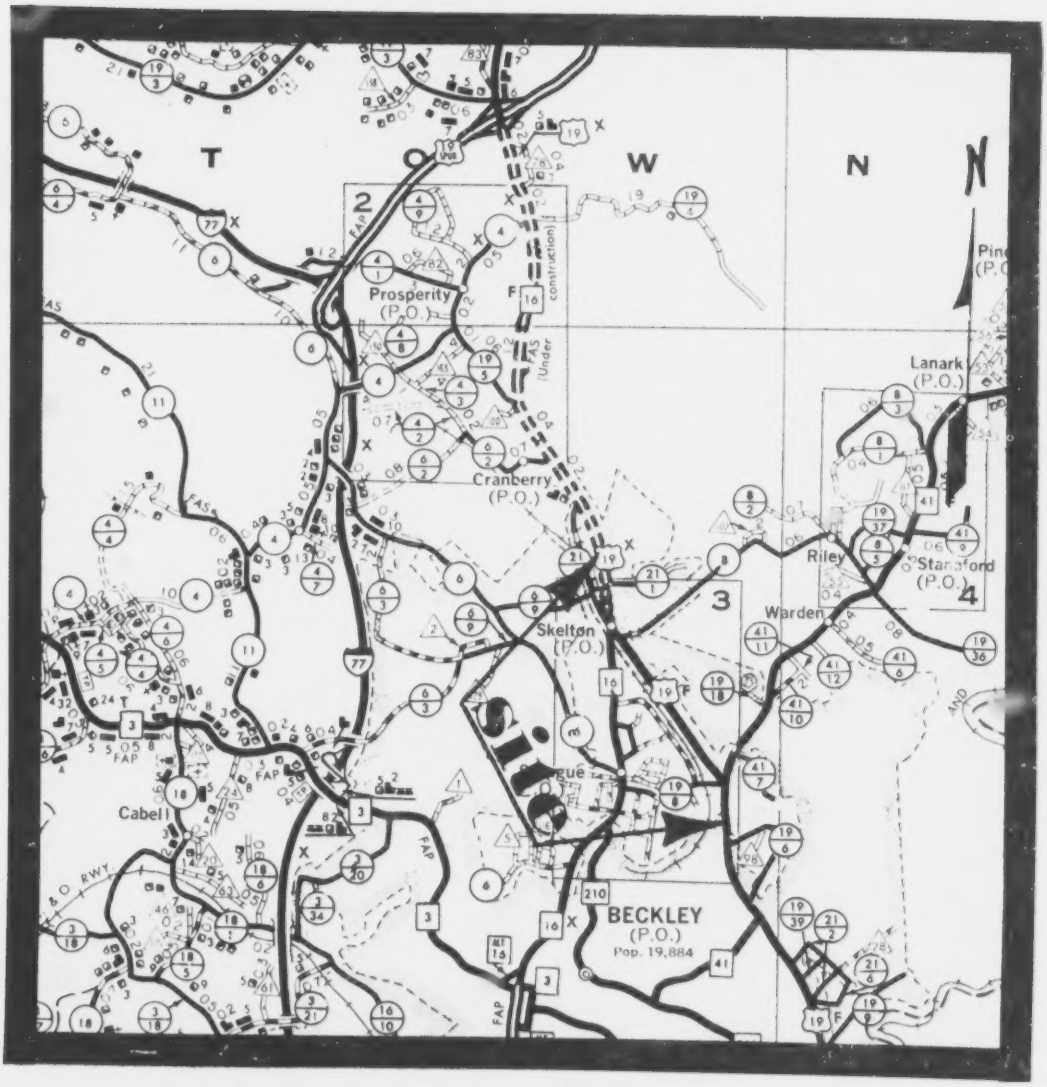
Significant Increase Location #25
Preston Co. - WV 7
Milepost 11.00-15.00
1980 Accident Increase - 43%
Accidents - 65 Injured - 39
Killed - 3
1980 Accident Rate - 1,119

GENERAL HIGHWAY MAP

PRESTON COUNTY
WEST VIRGINIA

25

Significant Increase Location #26
Raleigh Co. - US 19
Milepost 17.00-19.00
1980 Accident Increase - 21%
Accidents - 123 Injured - 64
Killed - 1
1980 Accident Rate - 962

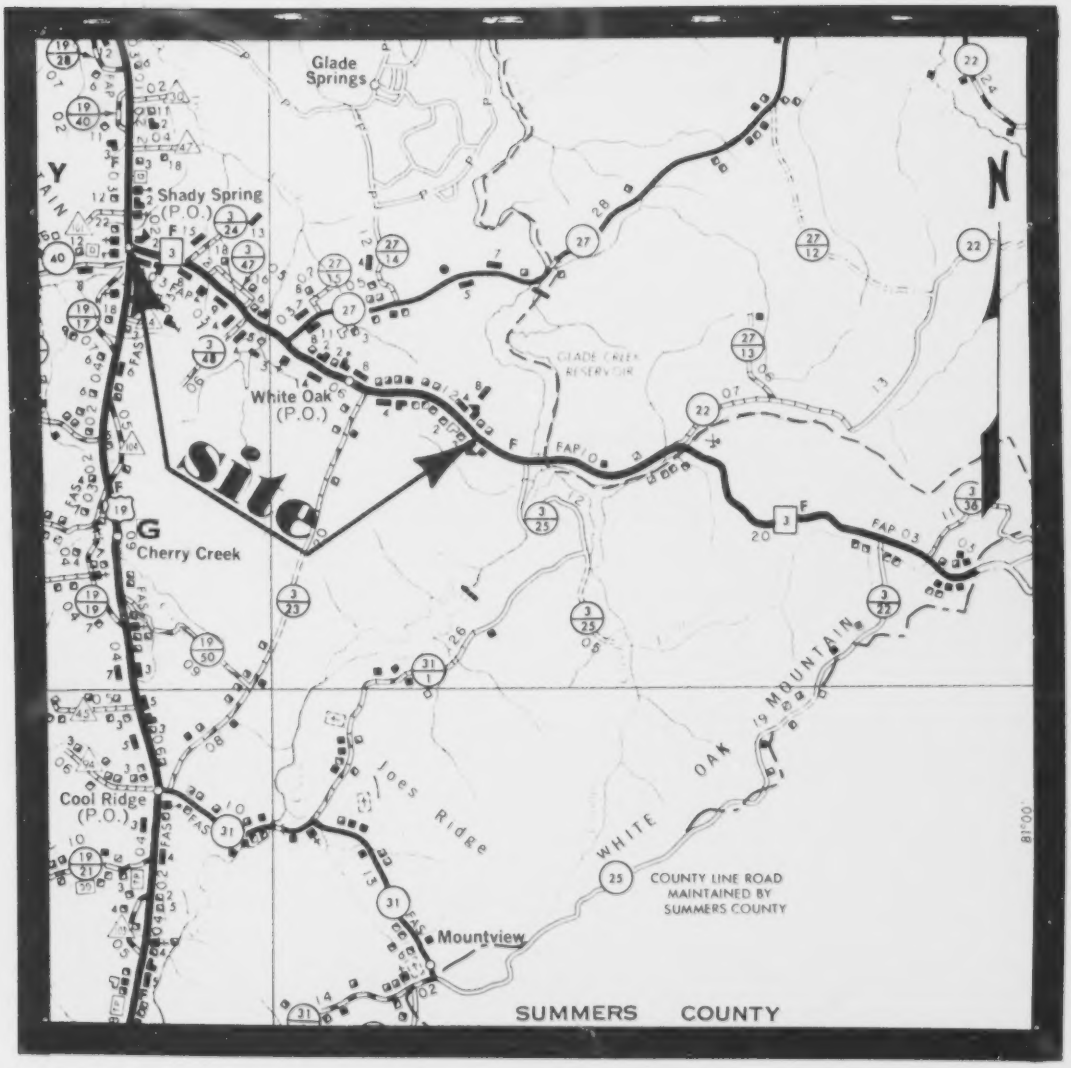


GENERAL HIGHWAY MAP

RALEIGH COUNTY
WEST VIRGINIA

26

Significant Increase Location #27
Raleigh Co. - WV 3
Milepost 46.42-49.00
1980 Accident Increase - 106%
Accidents - 32 Injured 28
Killed - 2
1980 Accident Rate - 1,255



GENERAL HIGHWAY MAP

RALEIGH COUNTY
WEST VIRGINIA

(27)

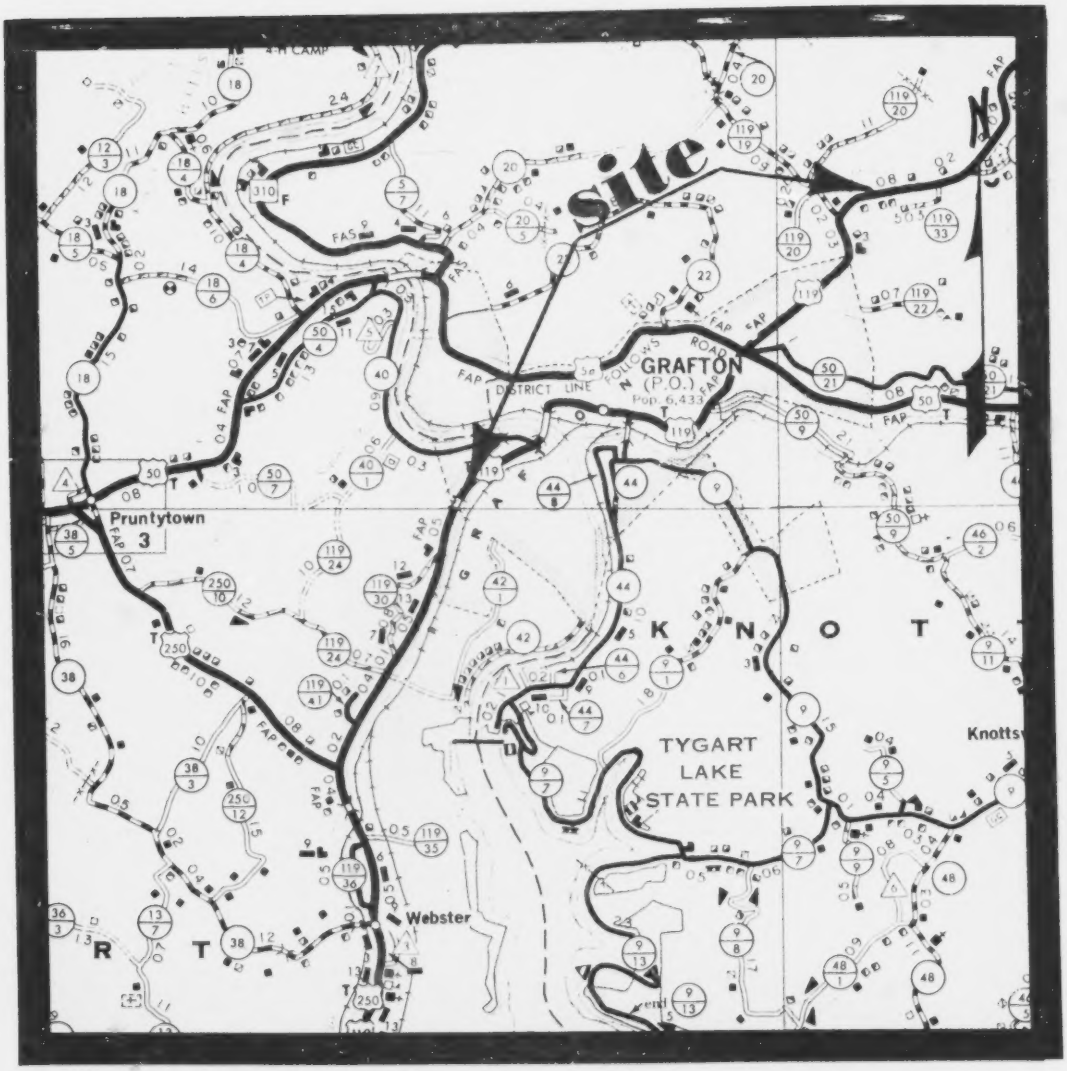
Significant Increase Location #28
Randolph Co. - US 33
Milepost 15.00-17.00
1980 Accident Increase - 22%
Accidents - 90 Injured - 35
Killed - 1
1980 Accident Rate - 980

GENERAL HIGHWAY MAP

RANDOLPH COUNTY
WEST VIRGINIA

28

Significant Increase Location #29
Taylor Co. - US 119
Milepost 7.50-11.00
1980 Accident Increase - 52%
Accidents - 50 Injured - 13
Killed - 1
1980 Accident Rate - 1,365

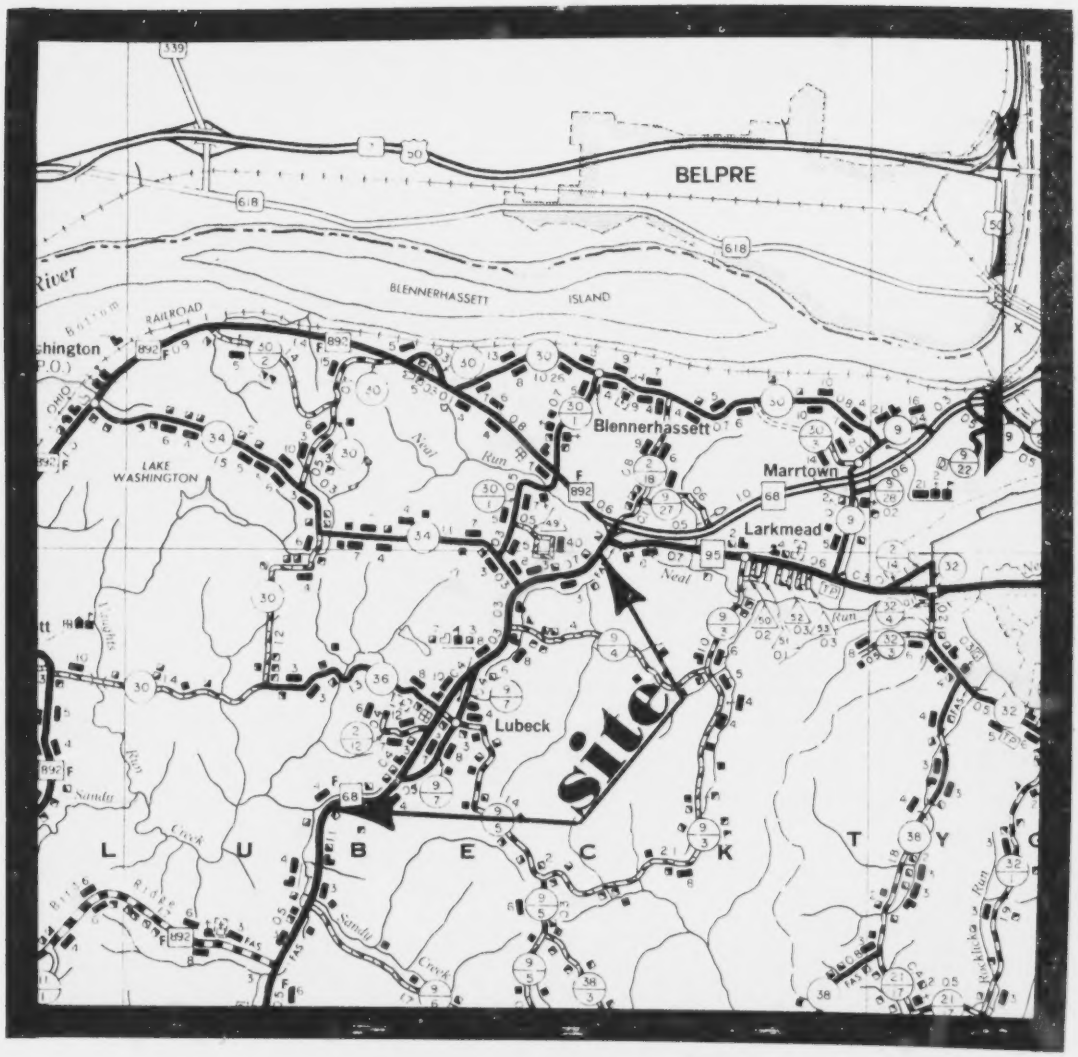


GENERAL HIGHWAY MAP

TAYLOR COUNTY
WEST VIRGINIA

29

Significant Increase Location #30
Wood Co. - WV 68
Milepost 12.00-14.50
1980 Accident Increase - 45%
Accidents - 24 Injured - 8
Killed - 1
1980 Accident Rate - 486



GENERAL HIGHWAY MAP

WOOD COUNTY
WEST VIRGINIA

30